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Air Quality Monitoring Report Ontario 1972 Volume 1

K. MILLER



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Solling Index printout at Science Centre in Toronto gives continuous regalings to visiting public.

Introduction

The Ontario Ministry of the Environment, Air Management Branch air quality network in 1972 constituted 83 monitoring stations located across Ontario at which one or more air contaminants were sampled continuously.

For convenience the air quality data are presented in four volumes. Volume I provides a summary of all data. Volumes 2-4 provide a readout of the hourly data for each station—Volume 2 for sulphur dioxide, Volume 3 for suspended particulate matter in terms of the soiling index, and Volume 4 for total oxidants, nitrogen oxides, carbon monoxide and total hydrocarbons.

Sampling Stations

The Air Management Branch has seven administrative regions in the province of Ontario. Priorities for sampling stations and monitoring equipment are based on need in all areas where air pollution problems have been identified or are anticipated.

The largest number of sampling stations is in the Sudbury region (21) and the largest number of monitors in the Toronto region (46).

Table I lists the administrative region, the station number, name and address, the Universal Mercator Grid Co-ordinates, the height above mean sea level of the station, the height above ground of the air intake and the pollutants monitored continuously at each station.

Continuous monitoring was carried out on 5 classes of gaseous contaminants, sulphur dioxide, total oxidants, oxides of nitrogen, carbon monoxide and total hydrocarbons. At one station 1600l Simcoe, ozone (not total oxidants) was measured specifically and at several stations nitrogen oxides were measured for part of the year and nitrogen doxide for the remainder of the year. All data on continuous gaseous monitoring are recorded on analogue charts. At stations where data are required on an immediate basis, for example, all stations with an air pollution index, data are telemetered directly in digital form to the central station in Toronto and are computer processed to produce an hourly record. At all other stations, analogue data are converted manually to hourly digital data and later processed by computer.

Particulate matter in the air is collected on a tape as a l hour or 2 hour sample. This is evaluated optically as a soiling index and may be computer processed in real time or after manual conversion to digital data.

Criteria for Desirable Ambient Air Quality

Table 2 provides the criteria for desirable air quality as published in the Revised Regulations of Ontario 15 R. R. O. 1970.

For sulphur dioxide, oxidants, nitrogen oxides and carbon monoxide, concentrations of contaminants are given in parts per million for averaging times (i.e sampling times) which vary from I hour to I year. For suspended particulate matter, concentrations are specified as soiling index with the unit COH/I,000 feet of air for averaging times of 24 hours and I year. No criteria have been established for total hydrocarbons.

The criteria are based on the short and long term effects of contaminants on vegetation, health and the well being of people They are revised periodically in the light of new information and provide a convenient yardstick by which the air quality at a sampling station may be assessed.

Summary of 1972 Measurements

Continuous monitoring of air contaminants abstracted hourly produces a large amount of data; in a complete year 8,760 hourly values are obtainable for each contaminant.

In this report the year's data for each contaminant are compressed into a single line.

The data are shown by contaminant heading. The record for each station indicates the number of months of sampling, the percentile distribution, the arithmetic mean, the maximum I hour and 24 hour levels and the number of times Ontario criteria are exceeded for the averaging times given in Table 2.

The summary tables enable a ready comparison to be made between stations within a region and between stations across Ontario and their degree of compliance with Ontario criteria.

Analyses of Data

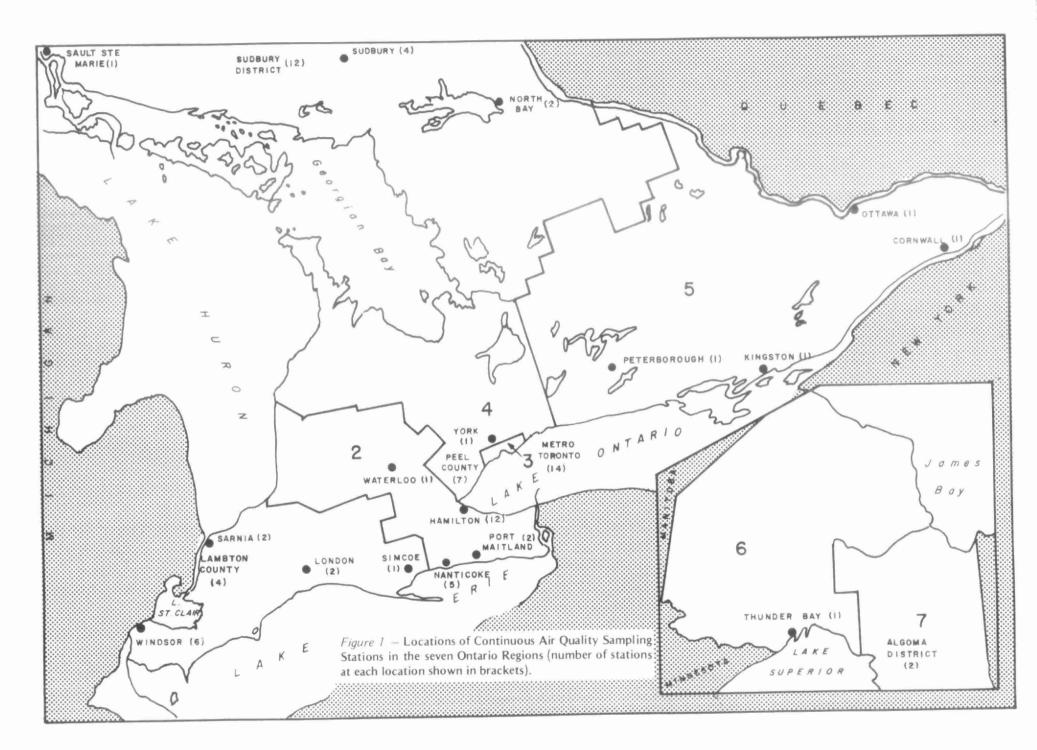
Sulphur Dioxide (See Table 3)

Sulphur dioxide is an air contaminant arising from the combustion of solid and liquid fossil fuels and from the processing of most mineral deposits.

It may be perceived (odour and taste) at concentrations of about 0.5 ppm. depending on individual thresholds. Damage to sensitive vegetation may occur with concentrations as low as 0.25 ppm if sustained for several hours. It has been implicated as one of the causative agents of morbidity and mortality in air pollution episodes in the Meuse Valley, Belgium, Donora, Pa., and New York in United States and London, England.

The measurement of this contaminant has received high priority in most industrialised countries. In Ontario, there were fifty-five stations monitoring sulphur dioxide continuously: of these 12 were operated by the Ontario Hydro-Electric Commission near their thermal power stations. Data from these stations have been reproduced in this Report by permission of the Commission.

Ontario criteria for desirable air quality with respect to sulphur dioxide are:



Annual average -0.02 ppm24 hour average -0.10 ppmI hour average -0.25 ppm

Of the 55 stations, 14 met all of the Ontario criteria. They were in London, Simcoe, Nanticoke, Hamilton, Metropolitan Toronto, Thunder Bay, North Bay and one location in the Sudbury district.

The highest values for all three sampling times were recorded at Happy Valley near Falconbridge: annual Average—0.063 ppm, 24 hour average 0.92 ppm and I hour average 2.21 ppm.

Suspended Particulate Matter (See Table 4)

Particulate matter is the most visible of all air pollutants. If the particles are large enough they settle out very near the emission sources, if they are small, they remain suspended in the air. The settling rate for particles 50 microns diameter is 15 feet/minute, 10 microns diameter 0.6 feet/minute, and I micron diameter 5 inches/hour. The small sub-micron sized particles thus remain in the air for prolonged periods of time.

The tape samplers used in Ontario collect particles 0.1 to 10 microns size range which correspond approximately to the size range of respirable particles 0.5 microns to 5 microns which are retained by the lungs. Particles are collected on a filter for a 1 or 2 hour sampling period and evaluated optically as a soiling index

Ontario criterion for a 24 hour average soiling index of 1.0 COH/I,000 feet was met at 28 of 52 sampling stations. These stations also met the I year average criterion of 0.45 COH/I,000 feet.

The 8 stations which did not meet both of the two criteria were in Windsor, Hamilton and North York (Near Highway 401); the maximum I year average of 0.59 COH/I,000 feet and 24 hour average of 2.2 COH/I,000 feet were recorded at the Skywa'/ Toll Booth Station in Hamilton.

Total Oxidants (See Table 5)

Although some ozone is formed in the atmosphere by electrical discharge, most of the ozone and other oxidants such as PAN (Peroxyacetyl Nitrate) are secondary contaminants formed by reactions between organic substances such as unsaturated hydrocarbons and nitrogen oxides in the presence of sunlight. Some of the hydrocarbons are emitted by cars and other originate naturally from trees. The entire class of contaminants which release iodine from a potassium iodide solution are referred to as total oxidants.

Total exidents were measured at 7 stations and exone at one station. All stations (except 67 College Street, Toronto) exceeded the 24 hour criterion of 0.03 ppm several times and for the I hour criterion of 0.10 ppm, only 67 College Street, Toronto, the Horticultural Station, Simcoe, were in compliance. Naximum levels for the annual arithmetic mean 0.046 ppm, for I hour 0.20 ppm and 24 hours 0.16 ppm were recorded at Memorial Park, Cornwall.

Nitrogen Oxides (See Table 6) and

Nitrogen Dioxide (See Table 7)

Nitrogen and oxygen are the main components of the atmosphere. In high temperature combustion processes some oxides of nitrogen are formed, of which nitric oxide (NO) and nitrogen dioxide (NO₂) are the only two present in significant quantities. Since all combustion sources produce nitrogen oxides, independent of fuel, ambient air levels may be derived from both stationary (power plants) and mobile sources (cars).

Interest in these contaminants is twofold:

-NO and NO₂ play an important role in secondary reactions in the atmosphere to produce photochemical oxidants

NO₂ is a primary contaminant in its own right with potential effects on health.

Nitrogen oxides have been measured continuously in several sites in Ontario for the past three years. In September 1972, most of the nitrogen oxide monitors were converted to obtain direct measurements of nitrogen dioxide.

For nitrogen oxides, the highest Arithmetic Mean 0.073 ppm was recorded at Bathurst-Wilson, North York and both Ontario criteria I hour 0.20 ppm and 24 hours 0.10 ppm were exceeded several times in Metro Toronto.

For nitrogen dioxide, the highest annual arithmetic mean, 0.44 ppm, was recorded at Barton-Wentworth Hamilton. The 24 hour criterion 0.10 ppm was exceeded occasionally at Pharmacy-Highway 40l, Scarborough and at Bathurst-Wilson, North York.

Carbon Monoxide (See Table 8)

Incomplete combustion of carbon produces carbon monoxide. Modern technology has almost eliminated the emission of carbon monoxide from stationary sources such as boiler houses, power plants, etc. Progressively stricter regulations have reduced the emission of carbon monoxide from mobile sources such as cars, trucks, etc but even so large amounts of carbon monoxide, almost wholly from transportation are emitted into the atmosphere. The emission inventory for Toronto indicates that 50% of the total tonnage of contaminants emitted is carbon monoxide, but as the criteria show, much higher concentrations (factor of 100) are required to produce an effect on health and well being than for any other contaminant.

Carbon monoxide was measured at 15 stations across Ontario. The highest annual arithmetic mean 8.3 ppm was recorded at Lawrence/Kennedy, Scarborough; this station is directly affected by automotive traffic on the two major arteries, Lawrence Avenue and Kennedy-Road. The station recorded 72 days above the 24 hour Ontario criterion of 8 ppm. No station measured levels exceeding the I hour criterion of 40 ppm and the 8 hour criterion of 15 ppm.

Total Hydrocarbons (See Table 9)

Unlike the other gases measured which are produced by human activity in substantial amounts, a larger proportion of hydrocarbons present in the air is emitted by vegetation. Cars, solvents, storage tanks, filling stations, also emit hydrocarbons and the entire class is measured as total hydrocarbons. The main interest in hydrocarbons is their role in secondary reactions in the atmosphere to produce photochemical smog. This class of reactive hydrocarbons, olefines from car exhausts and terpenes from vegetation are not measured specifically by the samplers used and until instrumentation for this class is available—no criteria can be set which would be meaningful.

Measurements of total hydrocarbons were made at 16 stations. The annual arithmetic mean ranged from 1.39 ppm at MacDonald Gardens, Ottawa, to 2.34 ppm at Barton/Wentworth, Hamilton and Memorial Park, Cornwall. A I hour maximum of 25.2 ppm was recorded at 156 Victoria Street, Sarnia and a 24 hour maximum of 5.3 ppm was recorded at 471 University Avenue, Windsor.

Ontario's Air Pollution Index

An Air Pollution Index, designed for Ontario communities to preserve the health and well being of citizens and to ensure desirable air quality has been in use for the past three years. It is based on 24 hour concentrations of sulphur dioxide and suspended particulate matter.

When the index reaches 32 which corresponds to Ontario's limiting criterion of desirable air quality for the two contaminants and adverse meteorological conditions are predicted for the next 6 hours, major sources are advised to be prepared to curtail operations. At the first Alert Level of 50 with adverse weather predicted for the next 6 hours, the Ministry may order curtailment of major sources. Discretionary powers are vested in the Minister to shut down non-essential operations should the index reach 100.

Establishment of stations

During 1970 the Air Pollution Index was established for Toronto and Hamilton and during 1971 for Sudbury, Windsor and Happy Valley (near Falconbridge). The index is compiled hourly on the preceding 24 hour values and publicised four times daily on the news media.

The number of occasions when the index exceeds 32 in any area depends on the strength of the emission sources and the meteorological conditions. Restraint on large sources under adverse weather conditions and implementation of effective abatement programmes have reduced both the number of hours and the number of occasions when the index exceeded 32.

A summary of the data for the past three years is shown above, right.

Summary - Air Pollution Index 1970-1971-1972

- 1. Toronto started March 23, 1970
- 2. Hamilton started June 15, 1970

Number of occasions ≥32 and ≥50 in 1970

CITY	≥32	≥50	MAXIMUM WITH DATE
Toronto	17	2	56 – October 8
Hamilton	7	1	56 – October 8

- 3. Sudbury started January 16, 1971
- 4. Windsor started March 19, 1971
- 5. Happy Valley started May 13, 1971

Number of occasions ≥32 and ≥50 in 1971

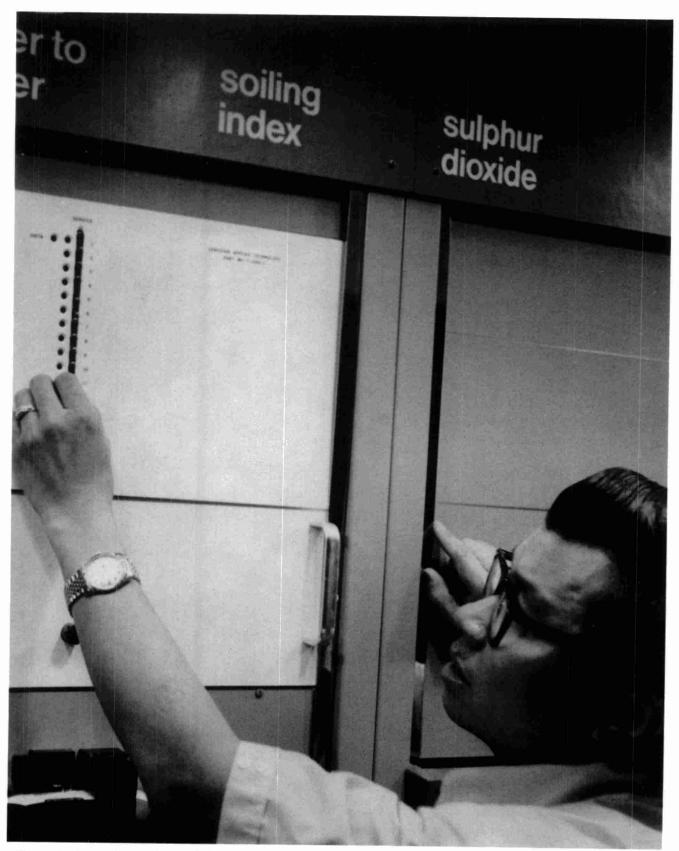
CITY	≥32	≥50	MAXIMUM WITH DATE
Toronto	19	1	52 - April 13
Hamilton	23	NIL	48 - October 21
Sudbury	26	3	87 - December 11
Windsor	2	NIL	33 - November 10
Happy Valley	20	7	64 - November 21

Number of occasions ≥32 and ≥50 in 1972

CITY	≥32	≥50	MAXIMUM WITH DATE
Toronto	2	NIL	45 - February 13
Hamilton	6	NIL	41 - February 13
Sudbury	7	1	79 – June 12
Windsor	9	1	53 - Jan. 29
Happy Valley	20	11	139 - March 23



Sulphation candles at College St. station in Toronto help to gather data on sulphur dioxide concentrations.



Air monitoring station at Toronto's Science Center shows public how data is acquired, evaluated and used in calculating the Air Pollution Index, which is published daily by the Air Management Branch.

Table 1/1972

Stations With Continuous Sampling Instrumentation (Pollutant data Abstracted hourly or two-hourly)

					SITE ELEVATION ABOVE	AIR INTAKE ABOVE						
	STATION NUMBER			ATIONAL GRID G NORTHING	MEAN SEA LEVEL (FT)	GROUND (FT)	SO ₂	COH	O _x	MONIT NO _X		НС
1	12002	City Hall, Windsor	03323	46867	600	50		х				
	12008	471 University Ave., Windsor	03316	46867	600	25	×	×	×	X	×)
	12010	Manning Road Pump			596	4		×				
	12014	University of Windsor,	03460	46875								
	12015	Windsor Hwy. 18-Prospect,	03304	46849	600	3		×				
	12013		03283	46833	575	12		×				
	12032	Morton Dock, Windsor	03271	46817	580	12	×	×				
	14016	Meteorological Tower, Courtright	03793	47397	590	12	×					
	14049	156 Victoria St., Sarnia	03854	47585	600	12	×	×	×	×	×	
	14056	4.0 mls. NE Lambton	03839	47437	630	15	×	×				
	14063	G.S. 5.8 mls. S Lambton										
	14064	G. S. 8.4 mls. SE Lambton	03788	47292	590	15	×	×				
	14065	G. S. 6.5 mls. E Lambton	03883	47312	610	15		Х				
	14005	G. S.	03898	47409	630	15		×				
	15001	King-Rectory,	04010	47505	850	13	x	×	×	×		
	15003	London 362 Dundas St.,	04818	47595				×				
	16001	London Horticultural Station,	04801	47590	825	55		^				
		Simcoe	05555	47441	750	10	X		Х			
2	22011	Deamude, Port Maitland	06185	47499	580	7	×					
	22012	Reeve's House, Port Maitland	06184	47468	580	6	×					
	22032	0.5 mls. W Hwy.6-Hwy										
		Jarvis	05705	47466	675	15				×		
	22033	6.0 mls. E Nanticoke G. S.	05869	47434	600	15	×					
	22042	6.0 mls, N Nanticoke G. S.	05760	47476	675	15	×					
	22047	 6.0 mls. NW Nanticoke G.S. 	05705	47466	675	15	×					
	22056	7.0 mls. W Nanticoke	05651	47374	625	15	×					
		G. S.	03031									
	26001	Public Utilities Sub- station, Waterloo	05356	48132	1100	8		×.				
	29001	Hughson-Main, Hamilton	05919	47896	325	30		×				
	29004	Scott Park, Hamilton	05949	47889	275	10		×				
	29008	North Park,	05984	47927	260	10	×	×				
	29009	Hamilton Kenilworth-Roxborou	gh			30		×				
		Hamilton	05967	47884	300			^				
	29012	Burlington-Wellington Hamilton	05931	47914	275	12		×				
	29013	John-Burlington, Hamilton	05926	47914	275	6		×				
	29014	Elgin-Barton,		47904	275	15		×				
	29015	Hamilton Merrick St.,	05926									
		Hamilton	05917	47900	300	55		×				
	29017	Chatham-Frid, Hamilton	05898	47896	325	15		×				
		a registrict Cost										

Table 1/72 - Continued

REGION	STATION NUMBER	NAME OF STATION	INTER	NATIONAL GRID	ELEVATION ABOVE MEAN SEA LEVEL (FT)	INTAKE ABOVE GROUND (FT)	- F	COH	FANT			
	29058	27 - F. 1 - S. 1	2,1011		CEVEE (1 1)	VE 17	302	COH	Ux	NOx	CU	HC
	29063	Skyway Toll Booth, Hamilton 1031 Barton E.,	05986	47919	250	3		x				
		Hamilton	05960	47892	280	40		×				
3	31001	67 College St.,										
	31003	(5th Floor), Toronto City Hall,	06300	48352	340	65	×	x	x	×	×	×
	31016	Toronto 1 Leslie St.,	06304	48342	295	100	x	×				
	31081	Toronto 67 College St.,	06348	48353	260	15	×					
	33002	(1st Floor), Toronto Pharmacy-Hwy, 401,	06300	48352	340	8	x				x	×
	33003	Scarborough	06357	48473	575	8	×	x		x	x	x
		Lawrence-Kennedy, Scarborough	06389	48452	550	10	×	×			×	×
	33019	Redland Cresc., Scarborough	06422	48411	500	10					-	^
	34002	Science Centre, Don					×	×				
	34007	Mills, North York Bathurst-Wilson,	06338	48419	350	30	x	×			×	×
		North York	06261	48437	700	8	×	x		×	×	×
	35003	Elmcrest Rd., Etobicoke	06142	48338	500	12	×	×		x	×	×
	35005	Queensway Hospital, Etobicoke	06159	48293	350	30						^
	35008	22 - 36th St.,					×	x				
	35033	Etobicoke Evans-Arnold,	06190	48281	300	5		×				
	35036	Etobicoke Islington-Hwy, 401,	06192	48302	350	9	x	×			x	×
		Etobicoke	06169	48404	500	35	x	x				
1 .	46025	Mississauga Library,										_
į	46033	Peel County Fire Hall, Bramalea,	06116	48260	375	15		×				
	46038	Peel County Old Court House,	06046	48402	650	12		×				
	46244	Brampton, Peel County W 34, Lakeview G.S.,	06001	48375	700	25		x				
	46253	Peel County W 42, Lakeview G.S.,	06116	48245	325	15	×					
	46254	Peel County W 50, Lakeview G.S.,	06104	48245	425	15	×					
		Peel County	06088	48243	475	15	×					
ž	46256	Lakeview G.S.	06170	48252	300	15	x		417			
4	48001	Hwy.7 & Hwy. 400, York County	06176	48495	650	10	x	x			×	
	51001	MacDonald Gardens,										
	52015	Ottawa	04471	50312	200	12	X.	x	×	×	×	×
		797 Princess St., Kingston	03797	48993	350	30		×				
5	56051	Memorial Park, Cornwall	05208		200	12	×	×	×	×	x	x
-	59002	139 George St.,										
			07138	49083	625	20		x				
6	3023	2.2 mls. NW Thunder Bay G. S.	03323	53601	620	15						
7	1001	Wawa,					×					
	1002	Algoma District Goudreau,	06645	53195	-	10	×					
7	1021		06834	53483 -	-	10	x					
	· *- 1		07049	51542	325	40		x				

Table 1/72 - Continued

REGION	STATION NUMBER	NAME OF STATION		ATIONAL GRID 3 NORTHING	SITE ELEVATION ABOVE MEAN SEA LEVEL (FT)	AIR INTAKE ABOVE GROUND (FT)		UTAN COH	NITOR NO _X		HC
7	75016	Dept. of Transport Verner	05668	51405	700	50	×				
	75018	649 Cassells St., North Bay	06184	51298	675	18		×			
	75020	Teachers' College, North Bay	06185	51297	675	10	×	×			
	77001	Penage, Sudbury District	04730	51250	850	10	×				
	77005	394 Montague Avenue, Sudbury		51497	950	8	x				
	77009	Burwash, Sudbury District	05144	51228	750	10	×				
	77010	Callum, Sudbury District	05270	51525	850	10	×				
	77012	Skead, Sudbury District	05186	51678	900	10	×				
	77014	Rayside, Sudbury District	04930	51600	850	10	×				
	77015	Garson, Sudbury District	05110	51567	950	10	×				
	77016	Ash St. Water Tank, Sudbury	04994	51486	950	10	×	x		×	×
	77017	Morgan, Sudbury District	04810	51637	900	10	×				
	77018	St. Charles, Sudbury District	05449	51343	750	10	×				
	77019	Grassy Lake, Sudbury District	05536	51854	850	10	х				
	77022	Kukagami Lake, Sudbury District	05327	51744	950	10	×				
	77023	Happy Valley, Falconbridge	05146	51564	950	10	×	×			
	77024	765 Barry Downe Rd. Sudbury		51516	850	10	×				
	77026	19 Lisgar St.,	05006	51485	900	10		×			

NoX sampler keeps track of oxides of nitrogen measured at various locations around the province and feeds the data to the central computers.

Table 2/1972 Criteria For Desirable Ambient Air Quality*

NAME OF CONTAMINANT	UNITS OF MEASURE	AVERAGING TIME	CONCEN- TRATION
Sulphur Dioxide	Parts per	1 hour	.25
ouipilai bioxido	million	24 hours	.10
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 year	.02
Oxidants	Parts per	1 hour	.10
Oxidants	million	24 hours	.03
Nitrogen Oxides	Parts per	1 hour	.20
Terri Ogen O Aldos	million	24 hours	.10
Carbon Monoxide	Parts per	1 hour	40
Carbon Monoxide	million	8 hours	15
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	24 hours	8
Suspended	COH per	24 hours	1.0
Particulate (Soiling Index)	1,000 feet of air	1 year	.45



Table 3/1972 Summary of Data: Sulphur Dioxid	de (in ppm)
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	STATION		NO. OF		PERC	ENT	ILES			ARITH- METIC	MAX	IMUM		ER OF	
REGION	NUMBER	LOCATION	MONTHS	10	30	50	70	90	99	MEAN	1-HR.	24-HR.	1-HR.	24-HR.	1-YR
1	12008	471 University Ave., Windsor	12	.003	.009	.019	.033	.072	.215	.036	0.57	0.20	64	13	1
	12032	Morton Dock, Windsor	12	.002	.007	.014	.026	.048	.128	.025	0.35	0.09	4	NIL	1
	14016	Met. Tower Courtright	10	.001	.004	.007	.010	.030	.137	.015	0.66	0.13	10	1	NIL
	14049	Victoria St. Sarnia	12	.001	.004	.007	.011	.046	.190	.020	0.52	0.22	18	5	NIL
	14056	4.0 mls. NE Lambton G.S.	12	.002	.006	.012	.023	.039	.148	.022	0.58	0.10	23	NIL	1
	14063	5.8 mls. S. Lambton G.S.	12	.002	.007	.013	.024	.044	.127	.023	0.36	0.11	13	1	1
	15001	King-Rectory London	12	.001	.003	.006	.008	.011	.028	.006	0.10	0.05	NIL	NIL	NIL
	16001	Horticultural Station, Simcoe	7	.001	.003	.005	.007	.009	.019	.003	0.06	0.02	NIL	NIL	NIL
2	22011	Deamude Port Maitland	12		.005						0.50	0.15	18	4	NIL
	22012	Siddall Port Maitland	11	.002	.005	.008	.015	.038	.252	.021	0.68	0.18	69	5	1
	22033	6.0 mls. E. Nanticoke G S.	6	.001	.003	.005	.007	.009	.012	.005	0.02	0.01	NIL	NIL	NIL
	22042	6.0 mls. N Nanticoke G.S.	10	.001	.003	.006	.008	.011	.038	.006	0.05	0.04	NIL	NIL	NIL
	22047	6.0 mls. NW Nanticoke G.S.	11	.001	.003	.005	.008	.010	.019	.006	0.04	0.02	NIL	NIL	NIL
	22056	7.0 mls. W Nanticoke G.S.	11	.001	.003	.005	.007	.009	.018	.004	0,04	0.02	NIL	NIL	NIL
	29008	North Park Hamilton	10	.001	.004	.007	.010	.030	.078	.012	0.18	0.07	NIL	NIL	NIL
	29025	Barton-Wentworth Hamilton	12		.005						0.23	0.10	NIL	NIL	NIL
3	31001	67 College St. 5th Fl., Toronto	12		.009						0,36	0.14	7	4	1
	31003	City Hall Toronto	12		.007						0.25	0.11	NIL	1	NIL
	31016	1 Leslie St. Toronto	12		.013						0.23	0.10	NIL	NIL	1
	31081	67 College St. 1st Fl., Toronto	12		.007						.029	0.10	1	NIL	1
	33002	Pharmacy-401 Scarborough	12		.005						0.17	0.07	NIL	NIL	NIL
	33003	Lawrence-Kennedy Scarborough	11		.004						0.20	0.08	NIL	NIL	NIL
	33019	Met. Branch Scarborough	12		.004						0.18	0.07	NIL	NIL	NIL
	34002	Science Centre North York	11		.007						0,16	0.09	NIL	NIL	NIL
	34007	Bathurst-Wilson North York	11		.006						0.31	0.07	2	NIL	NIL
	35003	Elmcrest Road Etobicoke	12		.004						0.54	0.11	13	1	NIL
	35005	Queensway Hosp. Etobicoke	10		.006						0.30	0.06	1	NIL	NIL
	35033	Evans-Arnold Etobicoke	12		.006						0.28	0.08	2	NIL	NIL
	35036	Islington-401 Etobicoke	7		.005						.029	0.06	1	NIL	NIL
4	46244	3.4 mls. W. Lakeview G.S.	12		.010		Von Indexes			-	0.33	0.09	3	NIL	1
	46253	4.2 mls. W Lakeview G.S.	12		.008						0.51	0.11	3	4	1
	46254	5.0 mls. W. Lakeview G.S.	12		.007						0.31	0.07	2	NIL	, NIL
	46256	O W	9		.009						0.08	0.06	NIL	NIL	1
	48001	Lakeview G.S. Hwy.7—Hwy.400													
5	51001	York County MacDonald Gardens	8		.006					a accommo	0.33		NIII		
	56051	Ottawa Memorial Park	7		.011						0.19	0.09	NIL	NIL	
6	63023	Cornwall 2.2 mls. NW	9		.005						0.69	0.13	32	3	1
		Thunder Bay G.S.	12	.002	.006	.010	.015	.026	.067	7 .016	0.13	0.05	NIL	NIL	NIL

Table 3/1972 - Continued

	STATION		NO. OF		PERC	ENT	ILES			ARITH METIC		IMUM		BER OF E CRITE	
REGION	NUMBER	LOCATION	MONTHS	10	30	50	70	90	99	MEAN	1-HR.	24-HR.	1-HR.	24-HR.	1-YR.
	71001	29 Hillcrest Wawa	6	.001	.003	.005	.007	.009	.219	.008	1.73	0.30	30	3	NIL
	71002	Goudreau-Algoma District	5	.001	.003	.006	.008	.018	.126	.008	0.31	0.09	2	NIL	NIL
7.	75016	Dept. of Transport Verner	10	.001	.003	.005	.008	.010	.050	.005	0.42	0.05	3	NIL	NIL
	75020	Teachers' College North Bay	10	.001	.004	.006	.009	.021	.053	.009	0.17	0.05	NIL	NIL	NIL
	77001	Penage-Sudbury District	6	.001	.003	.005	.007	.010	.192	.009	0.58	0.09	18	NIL	NIL
	77005	394 Montague Sudbury	4	.001	.003	.006	.008	.019	.205	.010	0.76	0.04	9	NIL	NIL
	77009	Burwash — Sudbury District	6	.001	.003	.005	.007	.009	.037	.001	0.27	0.03	3	NIL	NIL
	77010	Callum Sudbury District	7	.001	.003	.006	.008	.010	.135	.007	1.16	0.11	12	1	NIL
	77012	Skead Sudbury District	7	.001	.004	.006	.009	.069	.406	.025	1.16	0.22	97	8	1
	77014	Rayside Sudbury District	6	.001	.003	.005	.007	.009	.174	.006	0.70	0.09	22	NIL	NIL
	77015	Garson Sudbury District	6	.001	.003	.006	.008	.010	.288	.013	1.30	0.13	57	5	NIL
	77016	Ash Street Sudbury	12	.002	.005	.008	.015	.055	.368	.028	1.43	0.47	164	16	1
	77017	Morgan Sudbury District	6	.001	.003	.005	.007	.009	.103	.003	0.45	0.09	16	NIL	NIL
	77018	St. Charles Sudbury District	5	.001	.003	.006	.008	.013	.036	.005	0.10	0.03	NIL	NIL	NIL
	77019	Grassy Lake Sudbury District	6	.001	.003	.005	.008	.010	.080	.006	0.31	0,05	1	NIL	NIL
	77022	Kukagami Lake Sudbury District	5	.001	.004	.006	.009	.018	.164	.015	0.60	0.11	14	1	NIL
	77023	Happy Valley Sudbury District	12	.002	.007	.019	.046	.130	.735	.063	2.21	0.92	449	58	1
	77024	765 Barry Downe Sudbury	11		.005					.031	1.49	0.28	129	13	1

Table 4/1972 Summary of Data: Soiling Index (in COH/1,000 linear feet)

	STATION		NO. OF		PE	RCE	NTIL	ES		ARITH- NUMBER OF TIM METIC MAXIMUM ABOVE CRITERIA					
REGION	NUMBER	LOCATION	MONTHS	10	30	50	70	90	99	MEAN	1-HR.	24-HR.	24-HR.	1-YR.	
1	12002	City Hall Windsor	7	.05	.14	.24	.41	.68	1.31	0.36	2.1	1,0	NIL	NIL	
	12008	471 University Windsor	12	.07	.20	.32	.48	.83	1.70	0.45	5.3	1.8	12	NIL	
	12010	Manning Road Windsor	5	.03	.09	.16	.25	.44	.81	0.23	2.1	.5	NIL	NIL	
	12014	Univ. of Windsor Windsor	9	.03	.10	.18	.28	.58	1.41	0.29	6.4	1.4	3	NIL	
	12015	Hwy. 18/Prospect Windsor	9	.04	.14	.29	.53	1.08	2.10	0.48	4.1	1.8	12	1	
	12032	Morton Dock Windsor	12	.07	.17	.26	.39	.66	1.35	0.37	3.6	.9	NIL	NIL	
	14049	156 Victoria Sarnia	12	.05	.15	.26	.40	.68	1.23	0.37	2.2	1.0	NIL	NIL	
	14056	4 ml. NE Lambton G.S.	12	.02	.05	.08	.16	.30	.59	0.15	1.1	.6	NIL	NIL	
	14063	5.8 ml, S Lambton G.S.	12	.03	.10	.18	.27	.46	.80	0.26	1.7	.8	NIL	NIL	
	14064	8.4 ml, SE Lambton G.S.	12	.02	.06	.11	.19	.33	.66	0.19	.9	.6	NIL	NIL	
	14065	6.5 ml. SE Lambton G.S.	11	.02	.06	.10	.18	.29	.62	0.18	.9	.6	NIL	NIL	
	15001	King-Rectory London	12	.02	.05	.08	.12	.23	.56	0.14	1.9	.8	NIL	NIL	
	15003	362 Dundas London	12	.02	.07	.12			.97	0.20	3.1	1.0	NIL	NIL	
2	26001	P.U. Substation Waterloo	12	.02	.07	.12	.19	.40	.84	0.19	1.5	0.6	NIL	NIL	

Table 4/1972 - Continued

290 290 290 290 290 290 290 290 3 310 330	9001 9004 9008 9009 9012 9013 9014 9015 9017 9025 9063 1001	Hughson/Main Hamilton Scott Park Hamilton North Park Hamilton Kenilworth Hamilton Burlington/Wellington, Hamilton John/Wood Hamilton Elgin/Barton Hamilton Merrick St, Hamilton Chatham/Frid. Hamilton Skyway Toll Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall Toronto	12 12 12 12 12 12 12 11 11 11 12 12 10	.07 .04 .07 .05 .07 .04 .06 .05 .06 .11	.18 .13 .20 .14 .18 .12 .16 .16 .16 .26	.32 .22 .41 .22 .31 .19 .27 .27 .28 .40	.37 .53 .30 .47 .47	.95 1 .69 1 1.08 1 .67 1 .94 1 .62 1 .86 1 .87 1 .89 1	.35 l.84 .38 .86 .15 .70 .78	0.48 0.35 0.54 0.35 0.48 0.30 0.43 0.43	3.6 3.6 2.8 4.4 2.6 6.4 3.1 3.2	1.6 1.8 1.6 1.1 1.5 1.0 1.5 1.5	15 1 14 1 12 NIL 7 6 8	1 NIL 1 NIL 1 NIL NIL NIL NIL NIL NIL
290 290 290 290 290 290 290 3 310 310 330	9008 9009 9012 9013 9014 9015 9017 9025 9058 9063 1001 1003 3002	Scott Park Hamilton North Park Hamilton Kenilworth Hamilton Burlington/Well- ington, Hamilton John/Wood Hamilton Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 12 12 12 12 11 11 11 12 12	.04 .07 .05 .07 .04 .06 .05 .06	.13 .20 .14 .18 .12 .16 .16 .16	.22 .41 .22 .31 .19 .27 .27 .28	.41 .66 1 .37 .53 .30 .47 .47 .47	.69 1 .67 1 .94 1 .62 1 .86 1 .87 1 .89 1	.35 l.84 .38 .86 .15 .70 .78	0.35 0.54 0.35 0.48 0.30 0.43 0.43	3.6 3.6 2.8 4.4 2.6 6.4 3.1 3.2	1.8 1.6 1.1 1.5 1.0 1.5 1.5	1 14 1 12 NIL 7 6	NIL 1 NIL 1 NIL NIL NIL NIL
290 290 290 290 290 290 290 3 310 330	9008 9009 9012 9013 9014 9015 9017 9025 9058 9063 1001 1003 3002	Hamilton North Park Hamilton Kenilworth Hamilton Burlington/Well- ington, Hamilton John/Wood Hamilton Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 12 12 12 11 11 11 12 12	.07 .05 .07 .04 .06 .05 .06 .11	.20 .14 .18 .12 .16 .16 .16	.41 .22 .31 .19 .27 .27 .28	.66 1 .37 .53 .30 .47 .47 .47	.67 1 .94 1 .62 1 .86 1 .87 1 .89 1	.84 .86 .15 .70 .78	0.54 0.35 0.48 0.30 0.43 0.43	3.6 2.8 4.4 2.6 6.4 3.1 3.2	1.6 1.1 1.5 1.0 1.5 1.5	14 1 12 NIL 7 6	1 NIL NIL NIL NIL
290 290 290 290 290 290 290 3 310 330 330	9009 9012 9013 9014 9015 9017 9025 9063 9063 9001	Hamilton Kenilworth Hamilton Burlington/Well- ington, Hamilton John/Wood Hamilton Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 12 12 11 11 12 12	.05 .07 .04 .06 .05 .06 .11	.14 .18 .12 .16 .16 .16	.22 .31 .19 .27 .27 .28	.37 .53 .30 .47 .47 .47	.67 1 .94 1 .62 1 .86 1 .87 1 .89 1	.38 .86 .15 .70 .78	0.35 0.48 0.30 0.43 0.43	2.8 4.4 2.6 6.4 3.1 3.2	1.1 1.5 1.0 1.5 1.5	1 12 NIL 7 6	NIL 1 NIL NIL NIL
290 290 290 290 290 290 3 310 310 330	9012 9013 9014 9015 9017 9025 9063 9063 9001 1003	Kenilworth Hamilton Burlington/Wellington, Hamilton John/Wood Hamilton Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 12 12 11 11 12 12	.05 .07 .04 .06 .05 .06 .11	.14 .18 .12 .16 .16 .16	.22 .31 .19 .27 .27 .28	.37 .53 .30 .47 .47 .47	.67 1 .94 1 .62 1 .86 1 .87 1 .89 1	.38 .86 .15 .70 .78	0.35 0.48 0.30 0.43 0.43	2.8 4.4 2.6 6.4 3.1 3.2	1.1 1.5 1.0 1.5 1.5	1 12 NIL 7 6	NIL 1 NIL NIL NIL
290 290 290 290 290 290 3 310 330 330	9013 9014 9015 9017 9025 9063 9063 9001 1003	Burlington/Well- ington, Hamilton John/Wood Hamilton Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 12 11 11 11 12 12	.07 .04 .06 .05 .06 .11	.18 .12 .16 .16 .16	.31 .19 .27 .27 .28	.53 .30 .47 .47 .47	.94 1 .62 1 .86 1 .87 1 .89 1	.86 .15 .70 .78	0.48 0.30 0.43 0.43 0.44	4.4 2.6 6.4 3.1 3.2	1.5 1.0 1.5 1.5	12 NIL 7 6	1 NIL NIL NIL
290 290 290 290 290 290 3 310 330 330	9013 9014 9015 9017 9025 9063 9063 9001 1003	ington, Hamilton John/Wood Hamilton Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 11 11 12 12	.04 .06 .05 .06 .11	.12 .16 .16 .16	.19 .27 .27 .28 .40	.30 .47 .47 .47	.62 1 .86 1 .87 1 .89 1	.15 .70 .78	0.30 0.43 0.43 0.44	2.6 6.4 3.1 3.2	1.0 1.5 1.5 1.7	NIL 7 6 8	NIL NIL NIL
290 290 290 290 290 3 310 310 330	9014 9015 9017 9025 9058 9063 1001 1003 3002	Hamilton Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 11 11 12 12 10	.06 .05 .06 .11	.16 .16 .16	.27 .27 .28 .40	.47 .47 .47	.86 1 .87 1 .89 1 1.04 1	.70 .78 .80	0.43 0.43 0.44	6.4 3.1 3.2	1.5 1.5 1.7	7 6 8	NIL NIL NIL
290 290 290 290 3 310 310 330	9015 9017 9025 9058 9063 9063 9001 9003	Elgin/Barton Hamilton Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 11 11 12 12 10	.06 .05 .06 .11	.16 .16 .16	.27 .27 .28 .40	.47 .47 .47	.86 1 .87 1 .89 1 1.04 1	.70 .78 .80	0.43 0.43 0.44	6.4 3.1 3.2	1.5 1.5 1.7	7 6 8	NIL NIL NIL
290 290 290 3 310 310 330	9017 9025 9058 9063 9001 9003 3002	Merrick St. Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	11 11 12 12 10	.05 .06 .11	.16 .16 .26	.27 .28 .40	.47 .47 .60 1	.87 1 .89 1 1.04 1	.78 .80	0.43 0.44	3.1 3.2	1.5 1.7	6 8	NIL NIL
290 290 290 3 310 310 330	9017 9025 9058 9063 9001 9003 3002	Hamilton Chatham/Frid. Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	11 12 12 10	.06 .11 .07	.16 .26	.28 .40	.47 .60 1	.89 1 1.04 1	.80	0.44	3.2	1.7	8	NIL
290 290 290 3 310 310 330	9025 9058 9063 9001 9003 3002	Hamilton Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 10	.11 .07	.26	.28 .40	.60 1	.89 1 1.04 1	.80	0.44	3.2	1.7	8	NIL
290 290 3 310 310 330	0058 0063 0001 0003 3002	Barton/Went- Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 12 10	.11 .07	.26	.40	.60 1	1.04 1						
290 3 310 310 330 330	9063 001 003 3002	Worth, Hamilton Skyway Toll Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	12 10	.07					.93	0.55	4.2	1.6	24	1
290 3 310 310 330 330	9063 001 003 3002	Hamilton 1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	10		.19	.40	.66 1			0.55				
3 310 310 330 330	001 003 3002	1031 Barton E Hamilton 67 College St. 5th Fl., Toronto City Hall	10					26.2	75	0.59	6.2	2.2	42	1
310 330 330	003 3002	67 College St. 5th Fl., Toronto City Hall		.07										
310 330 330	003 3002	5th Fl., Toronto City Hall	12		.19	.33	.51	.87 1	.67	0.46	3.8	1.3	3	1
330 330	3002		1936	.08	.21	.32	.46	.73 1	.38	0.43	2.9	1.2	4	NIL
330			12	.04	.13	.21	25	.64 1	22	0.22	2.0	1 2	•	NIII
	2002	Pharmacy-401								0.32	3.8	1.3	2	NIL
		Scarborough Lawrence/Kennedy	12	.05	.14	.23	.39	.69 1	.22	0.35	2.7	0.9	NIL	NIL
330		Scarborough	12	.04	.12	.23	.36	.64 1	.19	0.33	2.0	0.9	NIL	NIL
	3019	Met. Branch Scarborough	12	.03	.08	.14	21	.41	02	0.21	2 5	0.7	NIII	A111
340	1002	Science Centre	12	.03	.08	.14	.21	.41	.02	0.21	2.5	0.7	NIL	NIL
240	1007	North York	12	.03	.11	.20	.34	.61 1	.20	0.31	3.2	1.4	1	NIL
340	+007	Bathurst-Wilson North York	12	.05	.15	.28	.56	1.02 1	.73	0.47	2.9	1.7	11	1
350	5003	Elmcrest Rd.	40	00	40		07	F0.4	••	0.07	0.4			****
350	5005	Etobicoke Queensway Hosp.	12	.03	.10	.17	.27	.56 1	.10	0.27	2.1	1.1	1	NIL
		Etobicoke	12	.03	.10	.18	.30	.63 1	.28	0.29	2.5	1.0	NIL	NIL
350	5008	22 36th St. Etobicoke	12	.04	.12	.19	.31	.59 1	30	0.30	3.8	0.9	NIL	NIL
350	5033	Evans-Arnold												
350	5036	Etobicoke Islington-401	12	.03	.09	.19	.32	.62 1	.45	0.32	3.4	1.2	1	NIL
		Etobicoke	12	.04	.12	.20	.30	.58 1	.12	0.30	1.9	1.0	NIL	NIL
4 460	025	Public Library Mississauga	12	.05	.14	.22	36	.66 1	20	0.34	3.6	1.1	1	NIL
460	6033	Firehall		.05				8 (%)		0.34	3.0	1.1	Ţ	INIL
AGI	6038	Bramalea Old Court House	12	.04	.11	.17	.28	.53 1	.03	0.27	2.0	8.0	NIL	NIL
400	3036	Brampton	11	.03	.10	.17	.27	.50 1	.07	0.27	5,5	0.8	NIL	NIL
480	3001	Hwy.7-Hwy.400	10	02	00	10	05	FO 1	••	0.05				
5 510	1001	York County MacDonald Gdns.	12	.03	.08	.15	.25	.52 1	.10	0.25	2,4	1,1	2	NIL
		Ottawa	12	.03	.09	.17	.29	.59 1	.10	0.27	2.2	09	NIL	NIL
520	2015	797 Princess St. Kingston	12	.03	.10	.17	.25	.46	.84	0.17	2.4	0.6	NIL	NIL
560	5051	Memorial Park												
590	9002	Cornwall 139 George St.	12	.03	.09	.16	.25	.47 1	.04	0.24	3,1	1.4	1	NIL
		Peterborough	12	.03	.10	.17	.27	.58 1	.36	0.28	2.5	1.4	5	NIL
7 710	1021	Prov. of Ont. Bldg. Sault Ste. Marie	10	06	15	.24	41	68 1	30	0.36	2,3	0.9	NIL	NIL
750	5018	649 Cassels St.												
75/	5020	North Bay Teachers' College	12	.04	.12	.18	.27	.48 1	.06	0.27	3.6	0.9	NIL	NIL
		North Bay	10	.03	.08	.13	.19	.36	.84	0.19	1.7	8,0	NIL	NIL
770	7016	Ash St. Sudbury	12	.01	.04	.06	00	.21	65	0.11	2.0	0.0	NIII	NILL
770	7023	Happy Valley										0.9		NIL
וכל	7026	Falconbridge	12	.01	.04	.07	.11	.25	.70	0.13	2.7	8,0	NIL	NIL
110	020	19 Lisgar St. Sudbury	7	.03	.09	.17	.26	.50	.94	0.25	2.8	0.9	NIL	NIL

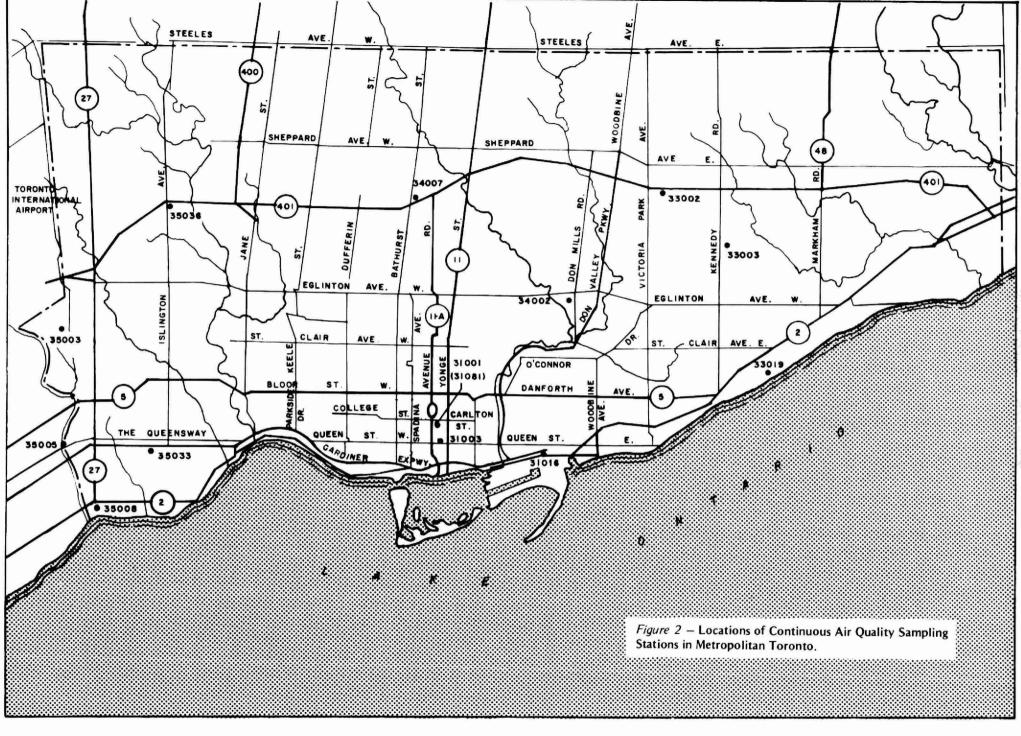
Table 5	/1972	Summary of Dat	a: Total (OixC	dant	s (in	n pp	m)		7				
EGION	STATION NUMBER	LOCATION	NO. OF MONTHS		PERC 30		ILES 70	90		ARITH- METIC MEAN		IUM A	BOVE C	OF TIMES RITERIA 1-YF
	12008	471 Univ. Ave. Windsor	12	.002	.007	.013	.019	.034	.071	.021	.13	.05	8	33
	14049	156 Victoria St. Sarnia	12		.012						.19	.09	47	41
	15001	King-Rectory London	11	.002	.007	.012	.017	.027	.049	.018	.14	.04	5	9
	29025	Barton-Wentworth Hamilton	9	.010	.017	.024	.031	.046	.078	.031	.14	.08	10	72
	31001	67 College St. 5th Fl. Toronto	9	.001	.003	.005	.008	.010	.026	.007	.04	.02	NIL	NIL
	51001	MacDonald Gdns. Ottawa	7	.007	015	.022	.030	.049	.090	.031	.12	.09	30	45
	56051	Memorial Park Cornwall	9	.014	.025	.034	.047	.077	.138	.046	.20	.16	153	102
	OZONE 16001	Hortic, Station Simcoe	7	.002	.004	.007	.011	.020	.040	.010	.07	.04	NIL	4
able 6	5/1972	Summary of Dat	a: Nitrog	en (Dxid	es (i	n pp	om)						
EGION	STATION NUMBER	LOCATION	NO. OF MONTHS		PERC 30		ILES 70	90	99	ARITH METIC MEAN	MAX			R OF TIME CRITERIA 1-YR
	12008	471 Univ. Ave. Windsor	9	.003	.008	014	022	038	062	.022	.12	.06	NIL	NIL
	14049	156 Victoria Sarnia	9		.006					.018	.12	.05	NIL	NIL
	15001	King-Rectory London	8		.009						.19	.08	NIL	NIL
	29025	Barton-Wentworth Hamilton	6		.026						.18	.10	NIL	NIL
	31001	67 College 5th Fl., Toronto	6		.034					.063	.35	.17	49	12
	33002	Pharmacy-401 Scarborough	8		.024					.057	1.09	.27	84	8
	34007	Bathurst-Wilson North York	4	.010	.028	.049	.076	.133	.397	.073	.77	.25	46	2
	35003	Elmcrest Road Etobicoke	3		.025						.17	.09	NIL	NIL
	51001	MacDonald Gdns. Ottawa	6		.016						.24	.07	3	NIL
	56051	Memorial Park Cornwall	8	.002	.005	.008	.014	.027	.081	.017	.61	.13	5	1
able 7	7/1972	Summary of Dat	a: Nitrog	jen l	Diox	cide	(in	ppm	1)					
REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	10	PERO 30		ILES 70		99	ARITI METIO MEAN	MAXI	MUM_ 24-HR		R OF TIM CRITERI 1-YR.
	12008	471 Univ. Ave. Windsor	4	nna	2 .007	012	011	ເດວາ	י מים	.018	0.08	0.04	NIL	NIL
	14049	156 Victoria St.	4	85.50	.007									NIL
	15001	Sarnia King-Rectory	3		2 .006						0.10			NIL
2	22032	London ½ ml. W Hwy.6-												NIL
	29025	Hwy.2, Jarvis Barton-Wentworth	4		.004						0.07	0.04		
3	33002	Hamilton Pharmacy-401	3		3 .029									NIL
	34007	Scarborough Bathurst-Wilson North York	5 4		.021 .016 .						0.16			2

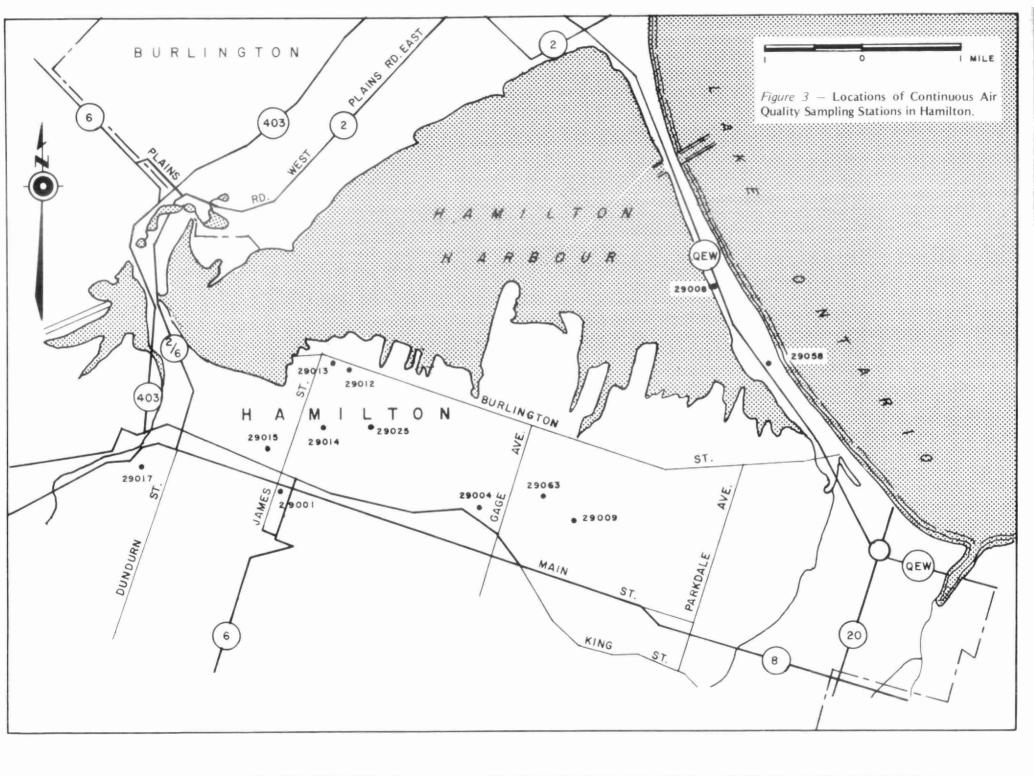
Table 8	3/1972	Summary of Dat	ta: Carbor	n Mo	conc	cide	(in	ppn	n)						
REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	10	Pf 30	ERCE 50	<u>NTIL</u> 70	ES 90	99	ARITH- METIC MEAN		<u>MUM</u> 24-HR	NUMB ABOV 1-HR	E CRIT	ERIA
1	12008	471 Univ. Ave.	150.450									_			
		Windsor	12	2.0	3.3	4,1	5.1	6.6	10.0	4.8	17	8	NIL	NIL	NIL
	14049	156 Victoria St.										-			
		Sarnia	12	0.3	1.0	1.9	3.0	4.8	7.5	2.6	22	7	NIL	NIL	NIL
	29035	Barton-Wentworth		0.0	0.0	4.5	2.2	2.0	7.6	2.2	19	c	NIL	NIL	NIL
	21001	Hamilton	8	0.3	8.0	1,5	2.3	3.9	7.6	2.3	19	6	NIL	NIL	MIL
	31001	67 College 5th Fl., Toronto	10	0.6	1.4	2.1	3.1	4.9	8.6	3.0	14	9	NIL	NIL	2
	31081	67 College St.	10	0.0	1.4	2.1	ا . ر	4.9	0.0	3.0	14	3	1416	1416	2
	31001	1st Fl., Toronto	12	0.9	2.3	3.4	46	6.4	8.9	4.0	15	9	NIL	NIL	1
	33002	Pharmacy-401		0.0	2.0	J. 1		٥. ١	0.0	,,0		•	10.0	A 894.50	
	00002	Scarborough	9	0.4	1.2	2.1	3.1	5.0	7.9	2.8	14	7	NIL	NIL	NIL
	33003	Lawrence-Kennedy	-				J					-			
		Scarborough	7	5.6	68	7.6	8.5	10.0	13.3	8.3	19	11	NIL	NIL	72
	34002	Science Centre													
		North York	7	0.7	1.9	2.8	3.8	5.3	8.0	3.4	14	8	NIL	NIL	NIL
	34007	Bathurst-Wilson													
		North York	8	0.2	0.7	1.6	2.8	4.9	8.9	2.4	14	7	NIL	NIL	NIL
	35003	Elmcrest Road							1000 0000		200000	10000	BOO SECURIO	12-11-12-12	Service .
		Etobicoke	7	0.2	0.5	8.0	1.5	3.5	6.8	1.5	10	7	NIL	NIL	NIL
	35033	Evans-Arnold			_		_					_			
		Etobicoke	10			1.3				2.1	21	5	NIL	NIL	NIL
4	48001	Hwy.7-Hwy.400	11	0.1	0.4	0.7	0.9	2.0	4.3	1.0	10	5	NIL	NIL	NIL
5	51001	MacDonald Gdns.	2							2.2				****	
		Ottawa	7	0.1	0.4	0.7	1.0	2,1	3.9	1.1	8	3	NIL	NIL	NIL
	56051	Memorial Park	4.0							4.0	10	-	KILL	****	KILL
	77010	Cornwall	10	0.1	0.4	0.6		1.8 3.0		1.0 1.8	19 12	5 5	NIL	NIL	NIL
7	77016	Ash St.	8	0.2	0.7	1.2	1.8	3.0	5.4	1.8	12	ъ	NIL	NIL	NIL

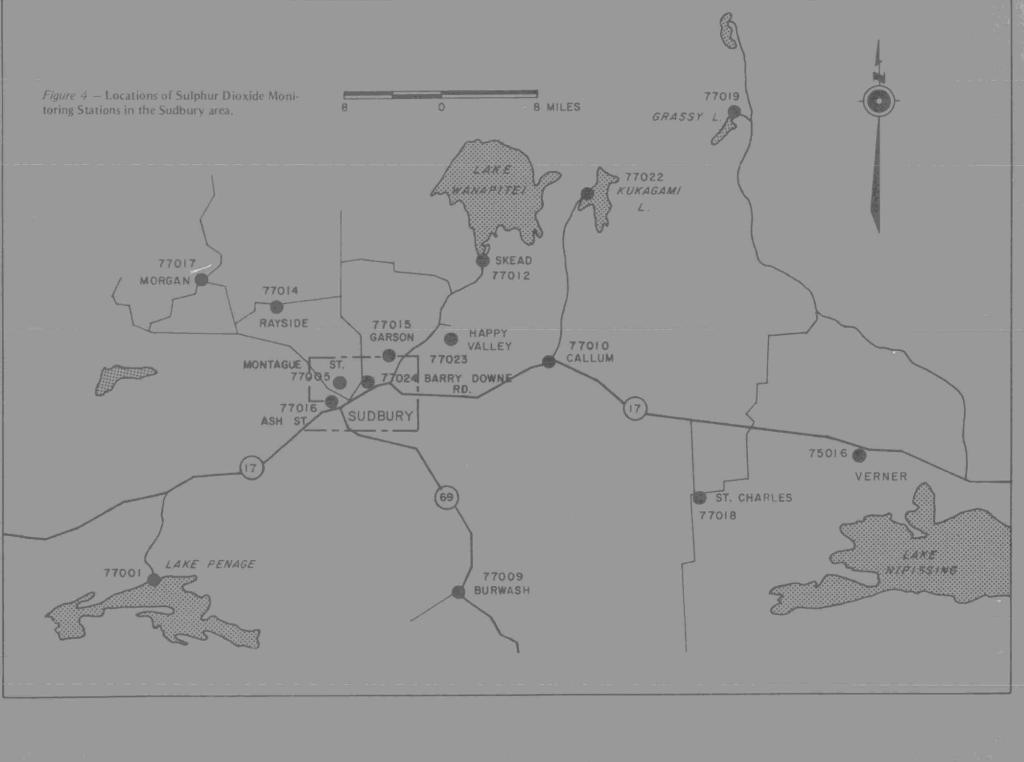
	STATION		NO. OF		PE	RCE	NTIL	ES		ARITH		MILIM
REGION	NUMBER	LOCATION	MONTHS	10	30	50	70	90	99	MEAN		
1	12008	471 Univ. Ave.										
		Windsor	12	1,3	1.8	2.1	2.4	3.0	5.0	2.24	12.2	5.3
	14049	156 Victoria St.										
		Sarnia	12	1.4	1.8	2.1	2.4	3.2	5.5	2.31	25.2	4.5
	15001	King-Rectory										
		London	12	1.2	1.5	1.7	1.9	2.4	3.6	1.82	5.8	3.2
	16001	Hortic, Station										
		Simcoe	6	1.2	1.7	2.0	2.4	2.9	3.9	2.09	4.8	3.6
2	29025	Barton/Wentworth										
		Hamilton	12	1.4	1.8	2.2	2.6	3.3	4.9	2.34	9.9	4.3
3	31001	67 College										
		5th Fl., Toronto	12	0.9	1.3	1.6	1,8	2.1	2.9	1.59	8.9	2.7
	31081	67 College St.										
		1st. Fl., Toronto	12	1.2	1.5	1.8	2.2	2.8	4.5	1.99	10.9	4.4
	33002	Pharmacy-401										
		Scarborough	12	0.7	1.2	1,5	1.8	2.3	3.3	1.57	6.6	3.2
	33003	Lawrence/Kennedy										
		Scarborough	12	1.6	2.0	2.2	2.4	2.8	4.2	2.27	8.6	4.0
	34002	Science Centre										
		North York	12	1.0	1.4	1.7	2.0	3.4	5.6	1.98	8.2	3.9
	34007	Bathurst/Wilson										
		North York	12	1.1	1,6	2.0	2.4	2.9	3.9	2.07	11.9	3.6
	35003	Elmcrest Road										
		Etobicoke	12	1.2	1,4	1.6	1.8	2.4	3.7	1.73	10,3	3.3
	35033	Evans-Arnold	Cre (miser)	****			- Car- 100	1967	Van 10	1.6 minutes	2000	W- 202
		Etobicoke	12	1.3	1.6	1.8	2,1	2.6	3.7	1.93	6.7	3.3
	51001	MacDonald Gdns.	_							1 44	2.2	212
	F00F4	Ottawa	9	8.0	1.1	1.3	1.5	1.9	2.8	1.39	6.2	3.0
5	56051	Memorial Park	-	4.0	4.0		0.0			0.04		. ~
	33010	Cornwall	7	1.6	1.9	2.3	2.6	3.1	4.1	2.34	8.2	4.0
7	77016	Ash Street	•							4.70	40-	
	Sudbury	Sudbury	8	1.2	1.4	1.6	1.9	2.3	3.4	1.76	10.7	3.5



Sophisticated instrumentation in continuous operation at Toronto's College St. station measures gaseous pollution and transmits information to the Air Management Branch's central computer.



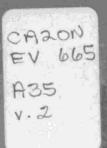






Ministry of the Environment

Hon.William G.Newman, Minister Everett Biggs, Deputy Minister



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Air Quality Monitoring Report Ontario 1972 Volume 2



Ministry of the Environment

Hon William G. Newman, Minister Everett Biggs, Deputy Minister

EV 665 A35 V. 2

Air Quality Monitoring Report Ontario 1972

Volume 2

Sulphur Dioxide



CONTENTS

SULPHUR DIOXIDE

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	14016	Met. Tower Courtright	10	15
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	14063	5.8 mls. S Lambton Generating Station	12	35
	15001	King-Rectory London	12	42
	16001	Hort. Station Simcoe	7	49
2	22011	Deamude Port Maitland	12	54
	22012	Reeve's House Port Maitland	11	61
	22033	6.0 mls. E Nanticoke Generating Station	6	68
	22042	6.0 mls. N Nanticoke Generating Station	10	72
	22047	6.0 mls. NW Nanticoke Generating Station	11	78
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Region	Station Number	Location	No. of Months Page
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		Peel County	12200
	46254	W50, Lakeview G.S. Peel County	12207
	46256	Lakeview G.S.	
	48001	Peel County Hwy. 7-Hwy. 400	9214
		York County	8 220
5	51001	MacDonald Gardens	-
	56051	Ottawa Memorial Park	7225
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6	63023	2.2 mls. NW Thunder Bay	
		Generating Station	12236
7	71001	Wawa	
	71002	Algoma District Goudreau	6243
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	75020	Teachers' College North Bay	10257
	77001	Penage	
	77005	Sudbury District 394 Montague Street	6263
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	77009	Burwash Sudbury District	6270
	77010	Callum Sudbury District	7274
	77012	Skead	
	77014	Sudbury District Rayside	7279
		Sudbury District	6284
	77015	Garson Sudbury District	6288
	77016	Ash St. Sudbury	12292
	77017	Morgan	
	77018	Sudbury District St. Charles	6299
	77019	Sudbury District	5303
		Grassy Lake Sudbury District	6307
	77022	Kukagami Lake Sudbury District	5311
	77023	Happy Valley	
	77024	Falconbridge Barry Downe Road	12315
		Sudbury	11322

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH JAN STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 17 2 8 2 6 0 0 8 1 15 3 6 8 18 0 0 13 6 17 1 4 8 3 1 0 3 32 37 35 33 10 2 3 4 3 7 3 2 2 2 1 6 2 101 16 1 4 1 0 3 1 7 2 3 6 6 1 2 1 7 2 6 3 4 41 17 0 0 10 8 19 10 4 7 28 16 0 0 9 7 20 1 7 13 28 1 1 17 16 3 18 0 3 0 56 32 18 0 .2 5 16 1 2 45 17 1 1 2 18 13 41 21 03 1 2 2 6 1 5 4 3 3 3 5 5 4 3 5 0 1 19 3 4793653 4324222532 2433427477 10 21 3 7 29 16 0 1 0 18 1 7 0 26 0 2 1 0 4 2 5 3 12 0 3 1 3 16 3 4 23 26 5 3 7 7 143 208 439 2 407 062 1 1 241 1 2 0 4 6 3 16 2 2 12 13 14 15 16 17 18 19 20 1 4 2 0 16 15 4 0 0 2 0 3 1 1 5 7 0 1 3 1 2 17 6 32 56 4 8 16 15 47 48 5 0 2 1 3 2 5 0 2 3 0 3 1 3 2 3 1 3 1 1 19 4 1 0 4 3 3 0 1 1 3 0 14 13 4 0 4 9 4 37 57 5 1 2 2 1 3 1 24 50 5 4 4 0 0 5 2 2 7 2 8 9 0 4 1 5 3 3 3 3 8 9 3 3 1 2 5 4 11 42 5 3 6 1 1 3 2 9 20 1 15 2 14 0 6 1 1 14 23 6 0 0 3 1 1 1 4 2 6 3 12 0 12 1 1 1 1 22 6 22 23 24 25 26 27 29 30 0 0 0 8 2 2 5 12 21 0 0 0 7 2 2 4 17 33 0 6 0 7 2 2 2 3 8 0 4 0 6 3 2 1 18 47 6 1 2 2 6 4 5 3 3 7 4 7 1 19 1 0 2 5 1 8 28 0 5 1 2 2 9 5 1 4 1 6 0 0 7 2 2 2 3 0 27 9 0 1 2 3 3 3 1 3 2 3 7 2 4 5 3 10 3 2 5 17 0 8 2 1 4 5 29 6 0 0 0 7 2 0 8 16 16 2 11 1 8 5 6 3 13 51 0 1 2 2 4 20 7 25 13 15 1 3 4 2 12 7 1 19 0 3 2 11 1 39 5 21 15 MEAN

PERCENTAGE OF DATA VALID - 100

						ONTAR	10	MINIST	RY (OF TH	E E	NVIRON	MENT	- AIF	NA S	NAGEME	NT I	BRANCH	1						
	POLLU	JTANT	- SL	JLPHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	471	UNIVER	RSITY	WINDS	OR O	AMST	NO	12008	1		MOR	NTH FE	В	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
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21 22 23 24 25 26 27	0 16 5 3	15	16	20	1 19 8	16 9	3 15	17	13	4	5	6	5 4	4	4	7	6	6	5	5	26 6 3	40	15	20	9
25 26	5 3	5	5	7	9	10	6	8 8	8	4	4	4	3	4	4	2	4	2	1	1	0	1 18	1 15	15	4
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MEAN	4	3	4		5	5	4	5	5	4	5	6	6	6	5	5	4	4	3	3	4	4	3	4	4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 471 UNIVERSITY WINDSOR CAMST NO 12008 MONTH MAR HOUR DAY 24 MEAN 4 4 0 1 5 1 0 6 3 1 0 7 2 3 4 5 6 7 8 9 10 4 10 5 12 11 6 3 11 11 5 1 17 2 3 2 10 16 4 2 8 4 127 0 25 3 0 1 0 7 7 11 5 26 3 17 5 16 4 4 3 7 7 6 4 11 2 18 6 15 6 20 8 3 8 10 3 11 4 12 13 14 15 16 17 18 19 20 22 23 24 25 27 ò 2 3 3 3 1 0 28 29 30 Ó MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH APR HOUR DAY 24 MEAN 9 10 12 13 14 15 16 17 18 19 20 0 0 3 0 4 2 ò ó 22 23 24 25 26 27 28 29 30 104 158 233 13 2 2 7 19 23 26 5 4 14 6 3 3 3 2 2 10 4 3 1 4 4 22 16 24 25 21 23 24 12 4 3 3 3 4 14 3 4 3 5 MEAN

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PERCENTAGE OF DATA VALID

	POLLU	TANT	· St	LPHUR	DIOX	IDE							UNI	TS -	PARTS	S PER	HUNDE	REDMI	LION						
	STATI	ON -	471	UNIVER	RSITY	WINDS	OR O	AMST	NO	12008	3		MON	ITH M	AY :	72									
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
DAY 1 2 3 4 5 6 7 8 9	7 2 7 0 0 12 10 2	3 1 5 0 1 0 1 0 1 0 4 0	4 3 1 0 3 0 10 10 3 0	4 1 0 0 1 0 11 11 3	2 1 0 1 0 11 10 2 0	3 0 0 1 1 1 1 10 2	3 1 2 0 3 0 11 10 3 2	2 1 4 1 5 0 11 10 4 2	3 1 4 1 10 0 12 9 4	4 7 1 2 14 3 11 10 2	3 6 5 2 33 9 11 10	3 2 4 0 15 10 11 10 0	3 1 2 0 10 10 11 7	4 1 2 0 7 21 11 14 2	3 2 1 4 18 11 4 2 2	2 1 2 0 4 17 11 4	1 1 2 2 1 17 11 1	17 32 0 18 10 22 2	3 4 1 4 2 16 11 1	15 10 20 3	1 5 1 1 0 14 11 1 1	1 6 2 0 13 10 1	2 7 0 0 13 10 1	2 5 0 0 12 10 1	3 2 1 5 9 11 7 2
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						ONTAR	10 4	INIST	RY (OF TH	IE EN	NVIRON						RANC							
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POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUL HOUR DAY 24 MEAN 2 2 2 2 2 1 0 2 3 2 3 2 10 2 3 4 5 6 7 8 9 10 2 4 1 163 012 19 2 0 3 0 0 6 5 10 4 2 0 1 3 1 2 12 13 14 15 16 17 18 19 20 15 3 4 3 4 3 2 10 0 2 1 Ó Ó 2 10 22 23 24 25 26 27 28 29 30 2 5 4 7 0 1 4 7 2 4 5 7 0 12 4 3 7 0 0 1 1 2 5 1 2 4 9 5 0 10 3 4 0 2 6 11 5 114 4 12 4 0 1 16 10 5 4 4 7 5 0 2 9 1 0 8 4 4 7 14 02 33 54 12022454 2 15 6 3 MEAN

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						ONTARI	O MI	NISTR	Y 01	T TH	HE E	ENVIRO	MENT	- AIF	R MA	NAGEMI	ENT I	BRANCH	ł						
	POLLU	TANT	- SI	JLPHUR	DIOX	IDE							UN]	TS -	PART	S PER	HUNDI	REDMIL	LION						
	STATI	ON -	471	UNIVER	RSITY	WINDSO	R OAM	ST	NO 1	12008	3		МОМ	ITH A	JG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	3 0 1 0 0 1 0 0 2 1	3 0 1 0 1 0 0 1 0	2100210010	2000010120	3001110010	3 0 0 0 1 1 0 0 1 0	300020000	5 0 1 0 7 1 0 0 2 2	1 1 0 0 8 1 0 0 1 2	1 1 2 5 2 0 0 1 1	2021320201	1 0 2 1 2 1 1 3 1 1	1 0 2 1 3 2 0 2 1 1	1 0 0 3 4 1 0 1 1	1 0 1 2 7 2 0 2 2 1	1 1 2 4 10 1 0 1	0 1 3 7 1 0 0 0	1 2 0 3 9 0 0 0 1 3	2 1 0 4 9 0 0 0 1 2	2 3 0 2 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 4 1 0 0 0 2	1 0 1 3 1 0 1 0 1	0 1 0 0 2 0 0 1	0 2 0 0 1 0 0 1 0 0	2 1 1 4 1 0 1 1
11 12 13 14 15 16 17 18 19 20	0 1 2 2 2 0 1 2 2 2	0312001212	0312001113	0 3 1 2 0 0 0 1 1 1	0 2 1 3 0 0 0 2 1 1	020200100	0 2 1 2 1 0 1 1 0 0	1 1 5 0 2 0 1 0 2	1 1 1 0 0 0 0 0 4 0 0 1 1 3	0336 * 50243	35 17 08 01 42	3 3 17 17 0 8 1 2 2	4 3 9 15 1 7 3 3 8 4	6391235 1235 126	4 17 10 25 3 3 13 5	4 17 7 2 2 3 2 5 5	3356114225	3 0 7 5 0 1 3 2 2 3	1 3 7 2 1 1 2 3 2 3	0 1 5 1 1 2 2 2	2 1 4 4 1 1 2 1 2 2	1 2 4 0 1 4 1 2 2	1 1 3 1 1 2 0 3 2	1 1 4 1 0 1 2 1 2 2	2256122233
21 22 23 24 25 26 27 28 29 30	1 3 2 1 1 0 2 3	1 3 2 2 1 1 2 0 1 2	1 4 2 2 1 1 2 0 2 1	1322112022	0 2 2 3 1 1 1 0 2 1	1 2 2 2 1 1 2 0 1 2	0 2 2 1 1 0 0 0 1 1	0 2 2 1 2 1 0 0 4	1122300023	2 0 2 1 2 0 0 2 4 6	522600503	3328403239	6 5 3 10 8 0 4 1 2 11	8 5 7 1 3 1 1 1	8 5 3 6 2 3 1 1 9	8563620125	7 5 6 9 4 2 0 2 2 4	6553520030	5556450023	4 5 4 5 3 4 1 2 2 2	4 4 3 3 2 3 0 1 3 3	4 3 3 1 2 1 1 3 4	3323221233	2 3 3 2 1 3 2 2 2 2 2	3 3 4 3 2 1 1 2 4
31	2	1	7	0	0	1	0	0	1	5	2	3	4	3	2	2	3	1	1	2	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	2	2	2	3	4	4	4	4	3	3	3	2	2	2	1	1	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						ONIAN	10 10	114101	1111	21 111				5.1.5.1.3			409.6	20 E = 0.750							
	POLLU	TANT	- SU	LPHUR	DIOXI	DE							ŲNI	TS -	PARTS	S PER	HUNDE	REDMIL	LION						
	STATIO	ON -	471	UNIVER	SITY	WINDS	OR OA	MST	NO	12008	3		MON	TH SE	P :	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8	2 1 0 1 0 10	2 1 0 1 0 7 1 1	1 1 1 0 6 1 1	1 2 1 2 0 4 1	0 1 1 0 3 1 1	0 0 0 0 3 1 0	0 0 1 0 0 1 3 0	0 0 1 4 2 3 2 0	30212631	7 0 3 1 3 18 4	4 1 3 1 1 8 8 2	402024722	4 0 1 1 7 4 7 2	6 0 1 0 5 8 6 3	400055431	500152232	400033333	30002222	30006231	300041212	3 1 2 0 4 1 2 1	300041310	200081	2 0 0 11 2 1	3 0 1 3 4 3 1
9 10 11	0 0 1	0	1	1	1	1	1	1	3 2 11	3 19	1 3 12 2	4	4	3	4	3	5	3	4	1 3	3	3	1 2	3	4
12 13 14 15 16 17 18 19	3 2 1 6 2 3 2 2	3 1 1 6 3 1 3 3	3 1 2 1 6 7 0 2 3	3 1 2 1 8 8 0 2 2	3 1 1 6 6 0 2	4 1 1 3 5 1 3 3	3 1 2 3 3 5 0 2 3	3 2 1 5 8 5 1 1 3	3 0 7 10 8 2 2	1 1 6 11 9 0	2 3 1 9 7 6 0 2 2	452874362	5 4 4 5 3 2 7 2	3 4 2 4 3 2 8 3	3 1 4 3 4 1 7 2	2 4 1 4 4 1 7	2 3 1 8 2 7 1 7 3	2 3 1 11 4 5 1 4 3	12 1 4 2 3 3	1 7 1 4 2 3 3	2 4 7 1 3 3 0 3	22812203	2 1 7 2 1 2 0 2	2 1 6 1 2 3 0 3	225555132
21 22 23 24 25 26 27 28 29	3401234325	4 3 0 1 0 2 4 1 2 7	4202024125	5 1 2 0 2 3 1 3	4 0 0 2 0 2 3 1 2 5	4 2 0 2 0 1 3 1 1 4	400030031455	4 4 0 3 0 2 3 1 5 5	6202333254	8223124275	7 2 1 2 1 1 1 1 8 5	113222211365	5223211445	4 32 4 36 1 4 4 5	4 2 3 3 3 3 3 1 3 2 4	3 1 2 4 4 6 3 3 3	5 1 2 3 3 5 3 3 4 4	3 1 2 4 3 6 3 2 1 5	3 0 2 5 3 6 1 2 2 5	3023381224	3032251153	2031241253	2 1 2 4 1 3 5 3	2011341253	4212232244
MEAN	2	2	2	2	2	2	2	3	3	4	4	4	3	4	3	3	3	3	3	2	2	2	2	2	3

PERCENTAGE OF DATA VALID - 100

						ONTAR	10 W	INIST	'AY (OF TH	IE EN	VVIRON						BRANCH							
	POLLU	TANT	- SU	LPHUR	DIOX	IDE							UNI	TS -		S PER	HUNDE	REDMIL	LION						
	STATI	ON -	471	UNIVER	RSITY	WINDS	OR OA	MST	NO	12008	3		MON	ITH O	T	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
DAY 1 2 3 4 5 6 7 8 9	4 6 4 7 1 1 2 7 0	4 5 4 5 1 1 7 0 0	3 6 4 5 0 1 2 5 0 1	3525012501	3535021400	5545011600	6 6 4 5 1 1 2 4 0 0	7 8 7 3 1 0 1 5 0 3	7 13 4 5 2 0 2 4 1 4	9 14 3 3 1 2 2 2 2 2	10 27 3 6 3 1 0	12 23 19 6 4 3 1	10 39 11 7 4 2 2 1	6 39 7 8 3 0 2 1 1	5 21 7 6 3 3 1 2	5 9 7 1 3 3 1 2 2 5	5 8 7 1 2 3 1 1 1 3	5 7 6 1 1 2 1 1 0 4	4 7 6 1 1 3 1 2 0 4	4 5 6 2 1 2 1 1 1 3	5 4 5 1 1 2 2 1 1 3	5 4 5 1 1 2 7 1 2 3	6 4 5 1 1 7 0 1 4	7 4 5 0 1 3 10 0 1 3	6 11 6 4 2 2 2 3 1 2
11 12 13 14 15 16 17 18 19 20	2 11 0 4 0 4 1 2 2 3	2 13 1 4 0 5 2 3 4 2	100101332	2 4 0 18 0 23 0 3 2	3 4 0 13 1 15 0 3 3	2 2 1 10 0 7 0 3 2	2216040323	2207150332	3 1 4 8 1 5 1 5 0 21	6 3 6 6 2 23 0 1 4	6 3 10 5 2 25 0	6 2 21 4 4 23 0 0 4 10	5 3 9 2 4 12 1 0 3 14	4 2 11 1 5 21 1 3 7	2 1 21 0 6 10 2 2 3	3 0 7 1 5 7 1 1 2 3	3 2 8 0 4 3 0 2 3 5	3 1 17 0 7 2 2 2 2	3 0 25 0 6 2 1 3 2	15 0 8 5 1 2 3 0	7 1 4 0 10 22 1 2 3	20 0 4 0 5 14 1 2 4 1	27 0 4 0 6 7 1 2 4	18 05 06 3 2 2 3 2	6 3 7 4 3 11 2 3 5
21 223 24 25 26 27 28 29 30	2 0 1 0 1 4 5 3 5 4	2 0 0 1 5 3 3 4 5	37021 43335	3 0 0 1 0 4 4 3 3	3 1 0 0 0 4 4 3 3 5	4 1 0 1 0 6 6 4 2 7	2001253335	1 1 1 1 2 2 3 4 5	1 1 0 1 1 2 2 3 3	2 1 1 0 2 9 5 3 5 5	3 1 1 3 9 6 3 4 6	1 1 2 2 4 7 7 4 4	1 1 3 2 4 4 6 5 4 4 4 5	1 0 12 2 8 9 4 4 5 3	1 0 13 1 8 6 4 5 4	1 0 5 1 7 5 4 4 4 4	0 3 1 6 5 4 4 3 2	0 1 1 5 4 6 5 3 2	1 0 1 1 7 4 4 4 4 3 3 3	0 1 2 1 5 5 3 4 4 2	0010343432	0011453421	0021652422	0 0 1 1 4 4 3 4 3 4 3 4	1 1 2 1 3 5 4 4 3 4
31	3	2	2	2	2	2	1	2	2	1	1	2	2	3	3	3	4	3	2	2	3	2	2	1	2
MEAN	3	3	3	3	3	3	2	3	4	4	5	6	5	6	5	3	3	3	3	3	3	3	3	3	4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH NOV 24 MEAN 2 1 2 1 5 4 0 1 2 2 12 3 1 1 4 0 1 3 2 13 3 1 4 0 1 1 2 11 12 50 0 1 2 3 4 4 10 4 2 12 4 1 12 21 10 2 1 5 1 3 2 7 1 2 1 3 6 2 1 10 20 3 10 15 14 2 4 11 22 2 3 12 9 14 12 382 785 79 3 13 22 4 8 11 12 11 3 7 22 3 8 7 2 9 7 4 6 26 1 10 5 2 4 7 3 10 16 4 5 9 1326 11065 2 6 2 2 10 8 1 2 3 3 11 3 2 8 10 1 1 3 13 22 5 6 8 3 2 19 22 9 16 19 12 3 12 20 14 13 15 2 9 15 12 5 2 21 1 6 15 12 3 16 2 2 14 31 5 2 1 1 13 9 5 3 13 18 18 18 MEAN

PERCENTAGE OF DATA VALID - 100

						ONTAR	RIO	MINISTRY	OF	TH	HE I	ENVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	Н						
	POLL	UTANT	- SI	JLPHUR	DIOX	IDE							UN:	ITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	471	UNIVE	RSITY	WINDS	OR O	AMST	NO 1	2008	3			NTH DI		72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	7 3 8 2 4 2 1 4 2 3	33352320523	20 4 2 1 3 2 1 4 2 3	6222422323	10 32 24 22 4 23 3	8 4 1 3 5 3 3 3 3 2 3	4 3 1 2 5 1 2 4 2 4	1 1 2 3 1 2	2 2 1 1 1 0 0 2 4 4 5 5 2 0 0	2411023326	2 4 2 0 1 2 2 3 2 10	2332025342	3232223232323232323232323232323232323232	0 2 3 3 1 2 4 2 4 10	3 3 4 3 3 4 1 5 16	2 4 3 3 2 2 3 1 5 1	2232233144	2 1 3 4 2 2 2 1 6 8	1 1 2 2 2 2 2 2 2 2 5 5	2221212246	2322212234	1 4 2 2 1 1 2 2 4 3	1 8 2 1 1 1 2 1 4 3	3 7 3 1 2 1 3 2 3 2	5332222338
11 12 13 14 15 16 17 18 19 20	1 22 3 7 4 2 1 9 4	3 14 9 7 4 2 1 6 5 2	10 9 17 4 7 5 0 14 17	9 5 18 4 5 5 1 19 7	5 4 4 4 5 5 5 5 0 8 5 2 3 5 2	4 3 10 4 4 5 0 22 8 2	12 5 3 4 5 1 20 30 2		3	9 2 0 4 4 2 5 8 4 8 2 8	10 26 55 4 28 20 57 0	7 3 9 4 4 2 12 28 39 0	8 2 10 2 2 3 28 30 28 0	10 3 18 8 2 3 30 16 14 2	6 4 12 6 6 2 18 24 17 3	9 3 12 5 3 2 5 9 0 3	9 3 11 4 2 1 3 2 5 5	16 13 7 1 1 4 16 3	12 9 4 2 3 3 6 7 3	15253214362	8333314263	7233415242	10 4 3 4 4 0 7 5 2 2	18 28 64 08 52 3	9 4 9 5 4 3 6 18 16 2
21 22 23 24 25 26 27 28 29 30	2 4 3 6 1 5 0 1 1 2	2 5 6 4 1 16 0 1 1 2	3 5 4 5 3 1 4 1 0 2	3 4 3 5 1 17 3 0 0	2 4 2 2 1 1 8 1 1 2 0 1	2 4 3 2 2 18 19 10	2 5 4 3 3 20 18 10 0	2 6 6 7 5 15 25 1		2653394101	1 8 3 2 4 7 5 0 1 3	3 10 2 2 8 3 4 1 1 2	2933536122	39 4 22 22 120 12	2 4 3 2 3 2 2 1 1	2411318101	25 1 1 3 2 6 2 0 0	4 5 1 2 1 0 8 1 1	4 4 2 2 2 1 10 2 1 2	4 3 3 2 0 1 14 1	4 2 2 2 0 0 1 3 0 3 1	4 3 2 3 0 0 4 0 2 2	3 2 2 1 1 2 1 2	4 2 3 3 2 1 1 3 3 1	3533279111
31	0	0	1	1	1	1	2	2 4		6	9	32	14	15	6	9	15	1.7	25	11	5	5	4	5	8
MEAN	4	5	5	5	5	5	5	6 5		5	6	7	6	6	6	5	4	6		•				,	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN

0 3 0 9

1.9

PERCENT OF DATA

F DATA

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	20	57
FEB	29	4	9	40
MAR	31	4	10	29
APR	30	3	8	35
MAY	31	4	11	33
JUN	30	3	6	20
JUL	31	3	7	19
AUG	31	2	6	17
SEP	30	3	5	19
ост	31	4	11	39
NOV	30	4	13	38
DEC	31	5	18	57
YEAR	366	4	20	57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

3 3 7 2 11 0 17 2

FREQUENCY DISTRIBUTION, PERCENT

21.5

ARITH MEAN

3 6

MAX

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MORTON DOCK WINDSOR DAMST NO 12032 MONTH JAN HODAY 1234567890 11234567890 12234567890 24 MEAN DATA MISSING 1 1 2 1 1 8 12 2 0 0 1 0 3 5 10 0 0 1 1 0 3 8 7 3 1 2 0 3 9 11 1 0 10 15 2 1 0 1 1 3 9 3 2 0 1 11 12 1 4 0 0 15 9 22 3 0 0 8 11 17 2 0 9 11 18 2 0 16 7 1 1 0 ó ó Ó

 PERCENTAGE OF DATA VALID -

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION																									
	POLL	UTANT	r - SI	JLPHUI	R DIO	XIDE							U	NITS - P	ART	TS PER	R HUNE	DREDMI	LLION	J					
	STAT	TION -	MOR	TON DO	OCK W	INDSO	R OAM	ST	N	0 120	32			ONTH FEB		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6	3	****	13	21	21	20	18	18	17	****	****	-	DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING			***	****	***	***	0 * 0 0	***	***		****
8 9 10	3 • • • • •	* * * ² 0	2 **** 0	0 0 0 0	2 * * * 0	* * * * 0	**** 0	* * * ² 0	* * . ²	5 ****	, , , , , , , , , , , , , , , , , , ,	4 * • * • •	0 5 11 3	4 4 9 2	6 5 3 1	3 2 2	1 2 1 1	1 2 1 1	1 2 0 1	1 2 0 1	1 3 0 1	1 3 0 1	4 2 0 1	1 2 0 2	3
11 12 13 14 15 16 17 18 19	1 3 0	0 3 1	0 4 1	0 4	0 3	0 4	0 4	0 4	0 2	0 3 ****	1 4		DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		5	4	4 3	4 3 * * * * *	4 3	5	4 0	30000	2000000	2 4
21 22 23 24 25 26 27 28 29	3	3	3	3	2	2	.2	3	6	8	6	* * * * * * *	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING		3	3	3	3	2	3	3	2	2	
MEAN	2	3	3	5	5	5	4	5	5	3	4	5	4	4	4	3	2	2	2	2	2	2	2	1	3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MORTON DOCK WINDSOR DAMST MONTH MAR NO 12032 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING **** 3 3 0 0 12 13 14 15 16 17 18 19 20 1 0 1 ...2 0 2 1 o ò Ó 22 23 24 25 26 27 28 29 30 . . . 3 . . . 2 ...2 ...2 ...2 DATA MISSING -1 2 0 10 0 1 6 10 0 1 5 5 2 0 1 1 2 0 1 1 2 0 0 0 Ó

1 2

2 1

PERCENTAGE OF DATA VALID - 59

MEAN

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION																								
	POLL	UTANT	- SU	LPHUR	DIO	KIDE							UN	NITS	PAR	TS PER	HUNE	DREDMI	ILLION	1					
	STAT	ION -	MORT	ON DO	CK W	INDSOF	OAMS	т	NO	1203	2		MC	NTH	APR	72									
HOUR DAY	1	0	3	2	5 1	6	7	8	9	10 1 3	11 0 3	12	13 1 5	14	15 0	16	17	18	19	20	21 0	22 0 2	23	24 1 3	MEAN
3			0			3	3		2	****		****	2	****	****	****	1 0	0	0	0	0	0	0 0	0	
6 7 8	0 0 0	0 1 0 0	0 1 1 0	0 1 3 0	0 1 3 0	0 2 0	0 0 1	0	0 1 0 0	0 1 3 0	0 0 3	0 3 0	0 2 0	1 0 2 1	1 0 2 1	3 0 1	1 0 1 0	0 0	0000	0	0	0	0	0 0 0	0 0 1 0
10	0	0	ō o	0	0	0	ō o	0	0	0	0	2	5		10	1	1 2	1 2	13	0 18	13	12	0	7	1
12 13 14 15 16 17 18 19	5 1 2 1 0 1 0 0 1	1 0 2 0 0 1	5 1 1 0 0 3 0 0 3	7 1 2 2 0 3 0 0 0	5 1 3 0 2 1 0	2 1 1 1 0 2 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 4 1 0 9 2 0 2	1 6 1 0 4 3 0 2	1 1 3 2 0 7 3 0 1	1 1 0 3 0 3 2 0 0	1 0 3 0 4 1 0 0	2 1 1 2 0 3 1 1 0	2 1 1 2 0 3 1 1 0	3013300211000	2 1 3 0 1 2 1 0	2 3 1 3 1 1 1 1	2 8 1 3 2 3 1 1	2 4 1 2 2 2 2 2 0 1	25 1 0 2 1 1 0 0	2 1 0 0 3 1 1 0 0	1 1 0 0 4 1 1 4 0	1 0 0 3 0 1 2	1 2 0 0 1 1 1 3	2 1 2 1 3 1 1 1
21 22 23 24 25 26 27 28 29	7 1 1 0 13 **** 9 0	2 1 1 0 13 **** 9 0 0	0 1 1 0 6 6 0 0	0 0 1 0 6 * * * * *	0 1 1 6 **** 5 0	0 1 1 1 7 **** 11 0 0	0 0 1 1 3 3 6 0 0 0	0 0 1 0 3	0 1 0 2 1 **** 3 1 1	1 1 2 5 ***** 4 1 1 1	1 1 1 2 4 **** 8 3 1	1 1 1 1 3 **** 7 6 1 2	1 1 1 4 3 ***** 5 7 2 3	1 1 0 7 3 3 4 4 4 4 1 2	1 0 3 3 3 **** 4 5 0 3	1 0 3 2 5 2 7 0 5	1 1 5 1 3 3 3 	0 1 3 10 1 3 5 3 0 3	0 1 3 7 1 2 9 2 0 2	0 2 1 23 2 2 7 2 0 1	0 1 1 14 3 5 4 0 0	0 1 1 1 7 5 35 2 0 0	1 1 0 13 8 28 0 0 0	1 1 0 10 8 23 0 0	555
MEAN	2	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	2	2	2	2	3	2	2	2

	POLLU	TANT	- SULI	PHUR I	DIOXI	DE							U	NITS	- PAR	TS PER	HUND	REDMI	LLION						
	STATI	ON -	MORTO	N DOCH	< WIN	IDSOR	OAMS	г	NO	1203	32			HTMC		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13		1.5	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	0 0 7 1 3 4 5 4 3	0004223342	0 0 1 4 1 2 3 3	0 0 0 1 4 1 2 2 3 3	0001412234	0 0 0 1 3 1 1 1 2 6	0 0 0 1 4 1 1 2 3 9	0003611328	0003621126	0 0 0 0 0 0 2 8 3 1 1 3 6	0 0 0 4 10 3 1 3 1 5	0 0 1 8 2 1 1 1 5	0 1 2 8 2 3 1 7	0 0 0 2 11 2 5 2 1 15	0 0 5 14 2 4 5 1 6	0 0 0 2 9 2 5 2 5 2	0 1 0 4 5 2 4 2 1 2	0 1 0 2 1 2 4 5 1	0124245531	0 0 1 6 1 7 4 1	0 0 2 4 1 8 4 1 3 0	0 6 2 1 8 8 1	0 0 2 1 1 5 7 3 1	0 0 2 0 2 3 7 3 4 2	0013533324
11 12 13 14 15 16 17 18 19	2500051008	2 3 0 0 5 1 0 0 10	1 4 0 0 0 3 0 0 0 9	1 2 0 0 0 4 0 0 0 1 1	1200004000010	0 1 0 0 0 3 0 1 0	0 1 0 0 0 0 3 1 3 1 7	0 0 0 0 3 8 7 2 4	0 0 0 0 0 0 0 0 6 7 12 1	0 1 0 0 1 5 5 7 0 5	1 2 0 0 0 * * * * * 3 3 9 0 2	8 2 0 0 1 3 **** 9 0	14 3 0 0 1 4 3 ****	15 3 1 0 1 4 3 ****	12 2 0 0 1 6 3 ****	93001 44423	8 2 0 0 1 4 3 7 5 4	18 10 00 34 34 74	20 00 03 52 37 4	5000351553	5000341563	4 0 0 0 5 3 1 1 1 5 2	3 0 0 0 5 1 1 0 8 2	3 0 0 0 5 1 1 0 4 1	6200242435
21 22 23 24 25 26 27 28 29 30	1 4 4 9 5 1 2 2 2 3	2 4 3 7 5 1 3 2 3	1328413222	1 3 1 1 1 7 1 3 2 2 3	0 3 1 7 5 0 4 1 2 2	1325403221	2324313221	3 4 2 10 3 1 3 2 3 1	4 2 3 19 3 4 3 4 5 1	10 5 13 33 4 8 1	10298033671	15 15 15 13 23 12 1	13 2 14 7 1 4 3 3 2	8 2 10 5 1 4 3 3 3	5266123441	9 1 5 6 1 3 3 5 3 1	9236133431	7225134531	6 2 2 5 1 3 4 4 3 1	4 8 3 6 1 3 4 4 2 2	3 13 5 1 2 4 5 3 2	3 6 8 4 1 2 4 4 2 1	4 6 15 3 1 2 3 3 1 3	4 5 10 5 1 2 2 2 1 3	5 4 5 7 2 2 3 3 3 2
31	3	3	4	3	3	1	1	3	6	8	7	1	1	1	2	2	2	2	2	2	0	1	1	1	3
MEAN	3	2	2	2	2	2	2	2	ã	2	2				•					- 2	-			1.0	-

PERCENTAGE OF DATA VALID - 98

						ONTA	ARIO	MINI	STRY	OF	THE	ENVIR	NMEN'	T - A	IR M.	ANAGE	MENT	BRANC	CH						
	POLL	UTAN	r - sı	ULPHU	R DIO	XIDE							UI	NITS	- PAR	TS PE	R HUNI	DREDMI	LLTON	u .					
	STAT	ION -	MOR	TON DO	OCK W	INDSOF	OAMS	ST	N	0 120	32			ONTH		72				•					
HOUR DAY	1	2	3	4	5	6	7	8	9			1.2	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	0253310313	0233312316	1 2 3 7 3 1 3 2 1 5	0 2 3 7 4 1 8 2 1 5	12383155114	0237215113	02443 17212	0 4 3 3 3 1 7 2 0	17333326201	1 9 3 3 3 2 9 2 1	2	2 3 5 3 **** 17 3 2 0	2 7 4 3 **** 6 3 2 1	4 3 4 5 6 4 2 2	53 4 6 **** 53 21 0	5455255221	4 4 4 2 8 5 2 1 1	244333315311	25 4 7 2 7 4 3 1	25 4 6 3 6 4 3 1 2	2643223321	2443213320	2343123221	2 4 3 1 1 5 2 3 1	2 4 4 4 3 4 5 2 1 2
11 12 13 14 15 16 17 18 19 20	100000000000000000000000000000000000000	0 0 0 0 1 3 3 3 4	0 0 0 0 1 1 3 1 3	00000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000000000000000000000000000000000000	30000	3 0 0 0 0 0 4 3 1 2	200000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1	2 0 0 0 0 2 4 2 3	1 0 0 0 0 0 0 0 0 2 3 3 4	1 1 1 0 1 ***** 2 3 3 4	1 1 0 0 0 0 2 2 3 3 3 3 3	1 1 0 1 2 2 2 3 3 3 2	1 1 0 1 2 3 4 2	1 1 0 1 **** 1 3 4 8 2	1 1 0 1 **** 2 3 4 7	1 1 0 1 2 2 4 5 5	0002	0 0 0 1 **** 2 4 4 3	0 0 0 1 **** 2 1 3 5 4	000011	0 0 0 0 0 0 2 3 4 2	10000
21 22 23 24 25 26 27 28 29 30	1 5 2 7 4 2 2 2 3 3	24263222233	2327421132	1 7 3 4 3 4 1 1 3 1	2 4 3 4 3 4 1 1 3 2	2 3 3 2 4 6 1 1 3 3	2232572132	2324633235	33125584 *** 5	3 4 2 5 8 11 4 ****	2 5 4 3 7 9 * * * * * 4 1 4	27 53 64 95 13	37 4 25 5 3 1 1 5 2 3 1 5 2 3	3 6 4 3 4 10 7 8 2 3	3 7 4 4 5 6 6 4 2 4	3 7 *** 3 4 6 5 5 3 4	4 8 4 4 4 5 5 5 5 3 4	3 7 4 4 3 10 8 5 3 5	3 7 4 4 3 13 7 6 4	5 4 4 3 8 7 6 3 3	4355334622	4355334521	3466224421	3266314431	35444655433
MEAN	2	2	2	2	2	2	2	2	3	3	3	4	4	3	3	3	4	4	4	3	3	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLU	TANT	- SUL	PHUR D	IOXIDE							UN]	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	MORTO	N DOCK	WINDSO	R OAMST		NO	12032	2		MOM	ITH JU	JL I	72									
HOUR DAY	1	2	3	4	5 6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 2 2 1 4 0 0 0 0 1 1 2	1 3 2 2 2 3 0 1 1 1	1 3 2 25 2 0 1 1 1 2	1 2 1 2 1 8 0 1 1 1 1 2	1 1 2 3 4 13 8 12 10 0 0 1 0 1 1 1 1 1 1 3 1	3 4 4 5 6 0 0 1 1 2	3 8 4 6 1 0 1 6	3 2 5 3 0 4 6 2 1 1 6	3238526212	3337226332	4 4 4 7 1 2 12 3 4 2	11 4 5 8 3 4 6 4 5 2	10333355543332	14 3 3 4 1 4 1 3 3 2	5 3 4 4 1 5 2 3 3	5 4 3 7 1 3 2 4 3 2	5 5 3 5 1 4 2 4 3 3	6 3 4 1 3 3 3 3	5 3 3 2 2 1 2 2 3	4 3 3 10 3 2 1 2 2 2 2	15 3 2 2 2 2 2 1	2 5 31 1 1 1 2 2 1	2 3 25 0 1 1 1 2 2	4369322222
11 12 13 14 15 16 17 18 19	1 2 3 1 2 5 1 2 1 3	1 2 3 1 2 4 1 3 1 2	1 1 3 1 5 2 0 2 1 2	1 1 2 1 3 3 0 2 1 2	1 0 1 1 2 1 1 1 2 1 3 1 0 0 1 1 1 1 2 1	1 1 2 1 1 1 0 2 1 1	1 2 2 0 3 1 0 2 2 2 2	1 2 2 1 3 2 1 4 3 2	2 3 2 1 3 2 5 5 4 2	3 4 2 1 1 6 4 4 5 3	4 3 2 1 1 9 4 2 7 3	3 4 2 2 1 5 12 2	3 5 2 2 1 4 4 3 4 3	4 5 2 1 7 4 3 3	5 4 1 3 1 8 4 3 4 3	6 4 1 3 1 6 3 4 6 4	6 4 1 3 1 4 2 3 8 4	5 4 2 4 1 4 3 2 6 4	5 4 3 4 1 3 3 2 5 5	9 3 1 4 0 4 3 2 4 5	5 3 1 3 0 3 3 1 4 5	4 3 1 2 0 2 2 1 3 5	3 1 1 0 1 2 1 3 6	3322143233
21 223 24 25 227 228 229 30	4 2 2 6 3 0 1 1 5	4 1 2 4 3 2 1 2 4 1	4 2 2 5 3 1 1 2 3 0	3 2 2 4 2 1 1 1 2 0	3 3 2 1 2 2 4 4 2 4 2 2 2 2 0 0 0 0	3 1 3 5 6 7 2 0 0	5 5 5 2 3 6 5 1 1 4 0	7 6 3 4 4 2 1 4 1 0	7 6 3 3 5 8 1 0 0	6 3 4 3 5 11 0 3	63 33 61 13 15 2	6 3 3 3 5 7 2 1	5 3 3 4 6 9 7 1 2	5 3 5 3 5 4 11 4	8 36 34 4 56 22	7 4 7 3 3 2 3 5 2 3	7 4 7 4 3 1 2 3 2 3	6 4 8 5 1 2 3 2 2	4 6 6 5 1 2 3 3 3	5 5 5 4 10 1 3 2 2 2	3 4 6 5 7 1 5 2 2 2	2 3 7 5 5 1 4 4 2 1	2 3 8 4 3 1 3 6 2 1	53444333221
31	0	0	0	0	0 0	0	1	6	2	2	1	2	4	4		4	3	3	2	2	2	1	2	2
MEAN	2	3	3	2	2 2	2	3	4	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

						ONTAF	RIO N	INIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANCH	1						
	POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MORTON DOCK WINDSOR DAMST NO 12032 MONTH AUG 72																								
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 2 1 0 0 1 2 3 2 2	1 1 2 0 0 2 2 4 2 3	0 1 0 2 2 3 2 3	0 0 2 0 0 1 2 2 1 2	1 0 4 1 0 1 2 2 1 3	1 0 2 1 0 1 2 2 2 4	1 0 1 1 0 0 2 1 3 5	1 0 1 1 0 1 2 2 7	3 0 2 3 1 2 1 4 8	3 0 2 2 5 1 2 1 5 1 3	2 1 3 1 7 1 3 1 4 13	2 1 3 0 15 1 3 1 5	0 4 0 15 1 2 · · · · · 4 15	1 5 2 12 1 2 0 4 5	2 2 3 7 2 4 3 5 5	2334723545	2 3 2 4 11 2 3 2 5 6	2 3 0 3 14 2 3 2 5 11	22029244	3 2 0 2 8 2 4 4 4 5	2202523334	2 2 0 2 4 2 1 4 4 2	3202322332	3 1 0 1 2 1 3 2 1 2	2 1 2 1 5 1 3 2 4 6
11 12 13 14 15 16 17 18 19 20	2 5 3 4 0 0 2 1 1	2 5 3 4 0 0 4 1 1	2 5 3 4 0 0 2 1 1	2 4 3 4 0 0 1 1 0 0 0	2 4 3 4 0 0 3 0 1	2 3 4 0 5 1 0	2423002100	3 6 5 4 0 0 1 1 0 0	3 6 4 0 1 1 3 0 0	5785031410	5 10 6 5 0 9 1 2 8 1	5 6 11 5 7 1 17 7	5 4 14 **** 6 7 10 3	5 5 10 1 5 3 3 3	5 6 16 2 1 4 2 ****	5 6 16 2 1 2 2 2 3 2	5 5 14 2 1 1 5 2 1 3	7 8 9 2 1 1 5 2 1 2	5 6 8 1 1 6 6 1	5 6 0 1 1 4 5 1	5 6 1 1 1 2 2 0 1	5 6 1 1 1 2 1 0	5 4 5 1 0 1 1 1 0 0	5 4 4 1 0 0 1 1	4 5 7 3 0 2 3 3 2 1
21 22 23 24 25 26 27 28 29 30	0 3 2 1 5 2 2 3 10	0 3 1 5 2 2 1 5	0 3 1 3 2 2 2 7	0322322131	0 3 1 1 2 2 2 1 5	0 3 1 1 1 2 1 1 2	0 5 1 1 1 2 2 1 1 1 1	0 3 1 1 2 2 2 7	2211	22222	2 3 3 7 * * * * * 2 1 11 7 * * * * *	5 4 4 9 **** 3 2 7 7 7	5 5 6 10 6 3 2 14 6 8	4 4 5 5 3 2 2 4 5 1	2 3 4 6 3 2 7 6	235 4633 296	2 3 4 4 5 3 3 6 5 4	3 3 4 5 3 4 7 3 3	3 3 3 4 3 4 4 2 3	3 2 3 3 3 3 5 5 3 2 3	3232323233	3232222434	322223633	2 2 2 3 2 2 3 9 1 1	2 3 3 4 2 2 7 5 4
31	1	1	1	1	1	1	1	1	2	3	3	4	5	5		2	3	2	2	2	2	2	1	1	2
MEAN	2	2	2	1	2	2	1	2	3	4	4	5	6	5	4	5	4	4	3	3	3	2	2	2	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION STATION - MORTON DOCK WINDSOR DAMST NO 12032 MONTH SEP 24 MEAN 2 0 1 22 23 24 25 26 27 28 29 30 12 1 13 1 1 3 2 2 1 1 2 11 2 2 4 4 2 3 0 2 9 0 MEAN

PERCENTAGE OF DATA VALID -

					ON	TARIO	MI	NISTRY	OF	THE	ENVIF	ONMEN	NT - A	AIR	MAN	NAGEME	ENT E	BRANCH	1						
	POLLU	TANT	- SULP	HUR D	IOXIDE							ι	JNITS	- PA	RTS	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	MORTON	DOCK	WINDS	OR OA	MST	N	0 120	032			HTMON			72									
HOUR DAY	1	2	3	4	5	6	7	8 9	1 (0 1	1 12	13	3 14	1	5	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9 10	0 2 1 1 0 0 2 3 2 0	0 1 0 1 0 0 1 3 4	0 1 0 1 0 0 2 3 2	0101003230	3	210000030050		2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 (0 :	3 17 6 14 0 0 1 1 2 4 6 3 5 13	19 9 1 1 0 0 0 0 2 4	9 5 1 1 1 1 3 4 4 5 5 3		1 4 3 1 1 4 3 4 4 3	1 5 3 1 1 3 6 5 7 6	1 5 3 1 1 3 9 13 2 6	1 4 3 1 1 4 6 8 2 6	1 1 2 1 1 3 1 12 1 3	0 1 2 1 1 7 0 5 1 2	1001100503	2 1 1 0 1 3 0 3 0 3	4020020303	3010020302	2321023532
11 12 13 14 15 16 17 18 19 20	2 3 1 4 2 1 15 4 4	1 1 2 4 3 2 5 4 5 4	2 2 3 1 3 0 5 2 4 4	2331206233	2	1 1 4 2 4 4 0 5 3 6 4		2 3 4 5 1 2 6 3 3 3 4 4 6 6 4	5 2 4 1 5 5 6 6	2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 3 3 1 1 3 3 3 0 7 9 5	0 9 9 0 1 1 1	1 1 3 1 0 0 0 0 0 7 2	1	3 2 1 5 1 2 4 2 6 5	3215023485	4214125365	3 2 1 5 1 3 4 1 7 3	2316234452	3 3 1 4 1 2 4 5 5	2 1 2 5 1 2 4 6 5 1	1 2 2 4 1 3 4 2 5 1	2235255352	2 1 5 2 1 11 4 4 4 2	3223326353
21 22 23 24 25 26 27 28 29 30	2102231223	2 1 0 1 2 3 0 2 1 7		4 1 0 1 3 3 0 1 2 2	0 1 2	4 3 1 2 5 7 3 7 2 1 0 0 1 1 2 3		2 1 1 1 5 9 2 3 2 1 0 0 1 1 3 2 3	1 1 1 12 1 1 0 1 2 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3	1 0 2 * * * * * 0 4 * * * * 2 2 2	* * * * 8 0 5 2 2 3	***	4 1 9 0 * 2 2 2	2 1 2 6 0 2 2 3 2	1 1 1 6 0 2 2 3 3	1 1 1 4 1 3 2 2 1	0 0 0 3 1 5 2 3 2	0006052221	0 0 4 2 2 2 3 2	0 0 0 2 3 3 1 3 1	0 0 0 2 3 1 1 2 1	1 0 2 2 2 2 3 1 5	2 1 1 5 2 3 1 2 2 2
31	3	7	1	1	1	1 1		1 1	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	2
MEAN	2	2	2	2	2	2 2		2 2	3	4	4	3	3		3	3	3	3	3	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MORTON DOCK WINDSOR DAMST NO MONTH NOV 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 1 2 2 5 6 5 2 2 1 4 12 13 14 15 16 17 18 19 20 1 2 0 4 9 7 2 1 2 2 1 2 0 4 10 4 2 2 2 0 3 1 4 1 3 3 22 23 24 25 26 27 28 29 30 1 3 3 2 2 2 3 11 2 11 0 2 3 1 2 5 2 2 2 5 MEAN

PERCENTAGE OF DATA VALID - 89

						ONTA	RIO	MINIS	STRY	OF T	HE E	NVIRO	NMENT	- AI	R M	ANAGEM	ENT	BRANCE	н						
	POLLU	TANT	- SULP	HUR D	IOXI	DE							UN	ITS -	PAR	TS PER	HUND	REDMI	LLION						
	STATI	ON -	MORTON	DOCK	WIN	IDSOR	OAMS	T	NO	1203	2		MO	NTH D	EC	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
2 3 4 5 6 7 8 9	3223521201	2 3 3 4 5 4 2 3 0	2343641400	3133634201	2 1 4 3 7 4 2 3 0 0	2123724310	1 1 3 2 5 3 5 4 0 0	2 1 3 2 4 5 4 5	1 1 3 1 1 3 3 4 0	2 2 3 1 1 3 3 4	1 2 2 1 1 4 •••• 4 0	1 1 3 2 0 4 9 3 3	1132552340	1 2 3 1 4 •••• 3 4 2	2232353340	2342442330	3 2 3 1 1 3 2 4 1	2 1 1 1 2 1 1 3 1 0	3 1 2 1 2 3 1 2 1 0	3 3 1 2 2 1 2 1 0	1 5 1 1 1 3 0 2 0	4 3 1 2 1 4 0 3 0	1 3 2 1 1 4 0 2 0 3	1 1 2 2 0 4 1 2 0 2	223323311
11 12 13 14 15 16 17 18 19	1 7 1 2 3 1 4 3	0 7 1 2 4 1 3 2 1 0	1522224210	0 4 2 1 1 2 2 1 0 0	0222011221	0224012211	0 2 3 2 1 2 2 1 1	0224313211	0 2 4 3 3 1 2 2 1 2	1 2 3 3 4 1 5 2 1 3	0323423213	0 3 2 4 5 7 1 1 2 3	0 3 2 5 4 8 1 1 2 1	0338391221	3 3 7 11 8 1 1 2	33 66 88 1	0 1 2 3 2 6 2 0 0	0 2 2 4 3 18 2 0 0	0 1 2 1 5 6 2 1 1	0 1 2 7 5 2 1 1	0 1 2 2 4 3 2 1 1 1 1	1 1 4 4 2 3 2 1	2 1 1 5 3 2 4 3 2 1	4 1 3 1 3 4 3 1	0 3 2 3 4 4 2 2 1 1
21 22 23 24 25 26 27 28 29 30	0 5 1 1 2 0 2 3 2 3	0 4 1 0 3 0 1 2 1 3	0 3 2 0 2 1 1 1 1 2	1 2 2 0 1 1 1 1 1 1 2	1 2 1 0 1 2 0 2 1 2	1 4 1 0 1 2 1 4 1 2	0 6 3 1 1 1 1 1 1 2	0 5 1 1 1 1 2 1 3	0 6 5 1 1 1 1 1 3 2	0633311111112	0 10 2 2 1 1 1 0 1 2	0 9 1 1 2 2 2 2 1 3	0621412113	0 5 3 1 2 1 1 1 1 3	0 4 2 0 3 1 1 1 2 3	0 4 1 1 1 1 1 1 1 3	0 2 1 1 2 3 1 1 1 2 2	0221211123	0 1 3 3 2 2 1 1 2 3	0 1 5 2 1 1 1 0 3	1 1 2 1 1 1 1 0 3 3	1 1 2 2 1 1 3 0 3 3	1 1 2 2 1 1 3 1 3 3	6122123533	1 4 2 1 1 1 1 2 3
31	3	3	3	3	3	4	4	4	3	3	3	3	4	4	3	3	4	4	4	4	4	3	4	5	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MORTON DOCK WINDSOR DAMST NO 12032

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	3	8	22
FEB	9	3	4	21
MAR	22	2	3	10
APR	30	2	5	35
MAY	31	3	7	20
JUN	30	3	6	17
JUL	31	3	9	31
AUG	31	3	7	24
SEP	30	2	4	13
OCT	31	2	6	19
NOV	29	2	7	22
DEC	31	2	4	18
YEAR	316	2	9	35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - MORTON DOCK WINDSOR CAMST NO 12032 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB 1.5 MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 70 90 95

0.2 0.7 1.4

4.8

2.6

9.7

12.8

ARITH MEAN

2.5

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT DAMST NO 14016 MONTH JAN 0 1 1 0 1 1 3 4 2 66 1 1 1 2 3 2 11 1 0 1 1 1 0 1 2 2 1 1 2 1 0 1 3 4 0 0 1 1 3 1 0 1 4 3 1 1 1 1 0 1 0 0 1 ...0 DATA MISSING DATA MISSING

 PERCENTAGE OF DATA VALID -

 MEAN

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - AIR	MANA	AGEM	ENT	BRANC	H						
	POLLU	JTANT	- SI	JLPHUF	DIO	KIDE							U	NITS - PA	ARTS	PER	HUND	REDMI	LLION	٧					
	STATE	ION -	MET	TOWER	coul	RTRIG	HT OAR	AST	N	0 140	16		M	ONTH FEB	72	2									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19 20	1	1	1	1	1	****	1	****	1	1	****		DATA DATA DATA DATA PATA DATA	MISSING MISSING MISSING MISSING	26	19	2	****							6
21 223 224 225 226 227 229	1 2	2 2	1 2	2 2	2 1	2 1	2 1	2 1	2 1	2 1	2	1	2 1 DATA DATA	MISSING 4 1 MISSING MISSING MISSING	2 ** ** 1 -	3 2	2 2	1 2 * * * * 1 * * * *	1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	1	0 2	2

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MET TOWER COURTRIGHT DAMST NO 14016 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING 0 *** 1213 1415 167 1819 20 21 223 242 267 289 30 4 DATA DATA DATA DATA MISSING MISSING MISSING MISSING . . . 0 2 21 **** **** 5 2 2 **** 2 **** **** 5 2 *** DATA MISSING Ô 0 DATA MISSING DATA MISSING - DATA MISSING -

3 3

PERCENTAGE OF DATA VALID - 30

PERCENTAGE OF DATA VALID -

MEAN

						ONTA	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	IT - A	IR M	ANAGEN	MENT	BRANG	CH							
	POL	LUTAN'	T - S	ULPHUR	DIO	XIDE							10	NITS .	- PAR	TS PER	R HUNE	BEDM	TLLTON	ŭ						
	STA	TION	- MET	TOWER	COU	RTRIGH	T OAI	MST	N	0 140	16			IONTH N		72	1,000,000	1 1 1 m e / / /								
HOUR DAY	1		3	4	5	6	7	8	9			12	13	14	15		17	18	19	20	21	22	23	24	MEAN	
234567890													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -											
11 12 13 14 15 16 17 18 19	**** 1 0 0 0	0 0 0 0	* * * ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	***** 0 0 0 0	0 0 0	0000	* * * * 1 0 0 0	* * * * 1 0 0 1	* * * * 1 0 0 0 5	**** 1 3 0 6	* * * * * * 1 7 1 1 0	1 9 7	DATA DATA DATA ****	MISSI MISSI MISSI MISSI 2 3 6 ****	ING - ING - ING - 2 8	0 1 1 5	0 2 1 10	0 3 0 12 ****	0 2 0 13 ****	0 1 0 6	0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0000		
21 22 23 24 25 26 27 28 29	5 7 0 0 0 0 1	* * * * * * * * * * * * * * * * * * *	**** 2 2 0 0 0 0	**** 2 1 0 0 0 0	2 1 0 0 0 0	2 2 0 0 0 0	*** 23 00 00 1	0 * * * 0 7 5 0 1 0	* * * * * * * * * * * * * * * * * * *	**** 15 3 1 3 10 2	**** 19 2 1 2 4 2	22 1 0 * * * 2 2 2 1	DATA DATA **** 23 2 5 1 3 1	MISSI MISSI 6 26 2 1 1 3 0 0	NG - 9 30 1 1 2 2 0	11 37 0 0 3 1	24 35 0 0 1	16 24 0 0 1 2 0 0	10 20 0 0 1 1	8 9 0 1 1 1 0	6 6 0 0 1 1	5 4 0 0 0 1 1	66000010	6 7 0 0 0 1 0	13 2 0 1 1 1 1 1	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	5	3	3	3	3	1	1	-1	
MEAN	1	0	1	0	0	0	1	1	3	4	4	6	5	4	5	5	6	5	4	2	1	1	1	3	3	

						011711					_														
	POLL	JTANT	- SI	JLPHUR	DIOX	IDE							U	NITS -	PAR	TS PE	R HUNE	REDMI	LLION	4					
	STAT	ION -	MET	TOWER	COUP	RTRIGHT	OAMS	T	NO	1401	6		M	U HTMC	JN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 1 1 2 1 0 1 1	0000100010	1 0 0 0 1 1 1 0 1 1 2	1 0 0 0 1 0 0 1 1	0 0 0 0 0 0 1 1 0	0 0 1 1 0 0 0 1 1 0 0	0 0 1 2 1 0 0 1	0 0 0 3 2 0 1 1 0	0 0 1 4 2 0 14 1 1	1 1 5 1 9 1 1 1	1 1 7 1 0 3 1 0	1 1 0 7 6 0 1 1 0	1 1 7 7 7 0 1 1 1 0 2	0 1 0 8 **** 0 0 1 0 2	100076611113	2 0 1 6 5 2 1 1 3 4	1 0 8 6 3 0 1 3 4	1 1 1 10 1 3 0 1 4 3	1 1 12 1 2 0 1 4 5	0 1 1 8 1 2 0 1 2 5	0 1 5 1 2 0 1 2	0 0 3 1 1 0 2 2	0 0 1 1 0 0 1 1 0	0 0 1 1 1 0 0 1 1	1 0 1 4 2 1 1 1 1 2
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0 0 1 1	0000000110	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000011	0 1 0 0 0 0 0 1 1	0 1 0 0 0 1 1 1	1 2 0 0 0 0 1 1 1	2 2 0 0 0 1 1 5 1	3 3 0 0 0 0 ***** 1 2 13 2	2 2 1 0 0 0 0 0 3 11 2	1 3 1 0 0 0 0 2	1 2 2 0 0 0 1 2	1 2 3 0 0 0 0 3 7 2	0 0 5 5	0 0 0 0 0 0 8 4	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	010000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000011	1000000231
21 22 23 24 25 26 27 28 29 30	****	••••		••••			•••	•••			****		DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -		1	0	1	0	••••	0	o	0	
			0	^	0		0	- 4	2	2	2	2	2	*	2	2	2	2	2	1	1	1	0	0	1

PERCENTAGE OF DATA VALID - 65

						ONTAF	OIS	MINIS	TRY	OF T	HE E	NVIR	ONMEN'	- A1	R MA	NAGEM	ENT	BRANC	Н						
	POLL	JTANT	- SI	JLPHUR	DIOX	IDE							U	NITS -	PART	S PER	HUND	REDMI	LLION	1					
	STAT	ION -	MET	TOWER	COUF	RTRIGHT	OAM	ST	NO	1401	6		MC	ONTH .	IUL	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	0 0 4 2 0 0	0 1 2 1 0 0 0	0 1 2 1 0 0 0	1 1 2 1 0 0 0	1 0 0 0 0	1 0 1 0 0 0	1 1 1 0 0 0 0 0	1 1 2 3 1 0 0	12223001	2 3 1 2 4 1 1 2	2 3 2 4 3 1	2 4 2 6 4 2 2 0	4 4 2 2 4 4 6 2	4 5 2 2 3 5 7 3 MISSI	4 8 5 16	3 7 5 4 5 8 1	36 50 72 00	4 5 4 0 6 1 0	4 4 5 0 5 3 0	3 1 4 0 2	3 2 2 0 0 0	2 3 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 3 1 0 0 0	1 3 2 0 0 0	2 1 2 2 1 1
9 10			* * * *	****	• • • •		• • •	•••			* * * *		****	****	****	0	0	0	0	0	0	3	2	3	
11 12 13 14 15 16 17 18 19	5	4	3	3	3	4	5	5	****	***	***		DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING -	****	• • • •	***	****	****		****	****	***	* * * *
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -										
31												-	DATA	MISS	ING -										
MEAN	1	1	1	1	1	1	1	1	1	2	2	3	4	4	7	4	3	2	3	1	1	1	1	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION	- MET	TOWER	COUR	TRIGHT	OAMST	Ē	N	140	16		M	ONTH AU	G	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	1.1	12	DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	99999999	16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19	1 0 0 0	**** 1 0 0 0	* * * * * 1 0 0 0	1 0 0 0	1 0 0 0	1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * 1 0 0 0 0	****	**** 1 0 0 0	0	- - - - 0 1 0 2	DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING		2 1 1 4 5	1 2 1 4 5	1 2 1 4	1 1 0 3 3	1 1 0 2 2	1 1 0 2 1	1 0 0 1 1	1 0 0 1 1	1 0 0 0 0 0	**** 1 0 1 2
21 223 24 25 26 27 28 29 30	000120040	000120040	0 0 0 1 2 0 0 4 0	0 0 2 2 0 0 4 0	0 0 1 2 0 0 3 0	0 0 0 2 1 0 0 3	0 0 0 3 1 0 0 2	0 0 0 3 1 0 0 2 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 0	0 0 0 0 0 0 0 0 2 2	1 0 0 0 **** 0 0 3 1 0	1 1 0 0 0 0 4 1 0 DATA	**** 0 0 0 0 5 0 0 MISSING	1 1 0 0 0 0 5 0 0 -	2 0 1 0 0 0 5 0	2 1 0 0 0 0 5 1	21100050	2 1 1 0 0 0 5 0 0	1 0 0 0 0 0 0 5 0	1 1 0 1 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 2 0 0 4 0	0 0 0 2 0 0 4 0	0 0 1 2 0 0 4 0	1 0 0 1 1 0 3 1
31												.76	DATA	MISSING	· -										
MEAN	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	2	2	1	1	1	1	î	4	1

PERCENTAGE OF DATA VALID - 40

							ONTAI	RIO	MINI	STRY	OF	THE	ENVI	RONMEN	IT - AIR	MAN	AGEME	NT B	RANCH							
	POL	LUTA	NT	- SI	ULPHUR	DIOX	IDE							U	NITS - F	PARTS	PER	HUNDR	EDMIL	LION						
	STA	TION	1	MET	TOWER	COUR	TRIGHT	T OA!	MST	N	0 140	16		N	ONTH OCT	7	2									
HOUR DAY 1	1		2	3	4	5	6	7	8	9	10	11		2 13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
234567890														DATA DATA DATA DATA DATA DATA DATA DATA	MISSING											
11 12 13 14 15 16 17 18 19														DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
21 22 23 24 25 26 27 28 29 30	****	***	* 0			1000 5			0000	***	2000	***		DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		1	ī	1	1	1	1	1	1	1 *	***
31	1		1	1	1	1	1	1	1	1	1	0	C	0	0	0	0	1	4	1	1	ď	á	0	0	*
MEAN	1	,	1	1	1	1	Ť	1	1	1	1	n	c		0			i	1		,			77		

	POLL	UTANT	- SU	JLPHUR	DIOX	IDE							U	NITS -	PART	rs PEF	HUND	REDMI	LLION	ı					
	STAT	ION -	MET	TOWER	COUR	TRIGH	T OAN	IST	NC	1401	6		MC	N HTM	IOV	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	1	1 0	1 0	0	1	1	1	1
2 3 4 5 6 7	0	0	0	0	0	0	ò	ò	ò	Ó	Ó	0	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI	NG - ING - ING -	****	****	****	****	••••	****	****	••••	••••	
8 9 10	0000			* * * *			0			0			0	0		0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0					****	****							• • • •	• • • •	* * * *	****
12					***						••••			MISSI	NG -	****	* * * *	****	0	0	0	0	0	0	0
14 15 16 17 18 19	0	0	0	0	0	0	0	0	0	0	0		DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING -	0	0	****	****	****	****	****	• • • •	****	ŏ
21 223 24 226 227 229 30													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -										
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 20

						ONTA	RIO	MINIS	STRY	OF T	HE E	NVIR	ONMEN.	T - AI	R M	ANAGE	MENT	BRANC	н						
	POLI	UTAN	r - s	JLPHUF	R DIOX	IDE							U	NITS -	PART	TS PER	R HUND	REDMI	LLION	I.					
	STAT	TION -	MET	TOWER	COUF	RTRIGH	T OAM	AST	NO	1401	6		M	ONTH D	EC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8	***	***:		••••	••••	****	****	****	••••	••••	****		DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG -	2 2	2 2 0	2 2	1 2	1 2	2 2 0	1 2	0	0	••••
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11 12 13 14 15 16 17	0 0 2 1 1 0 0	0 0 2 1 1 1	0 1 1 0 1	0 1 1 0 0 0 0 0 0 0	0 3 1	0 4 1 0 0 0 0	0 2 1 0 0 0 0 0 0 0 0	0 2 1 0 0 0 0 0 0 0 0	0 1 2 0 0 0	0 1	1 1 0 0 0 1 0	1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 4 0 0 DATA	1 1 1 13 	1 1 17 17 NG -	0116600	1 1 0 4 0 0 0	1 1 0 3 0 0	0 5 0 2	0 4 0 2 0 0	0 2 0 1 0 0	0 2 0 1 0 1	0 2 0 1 0 0 0 0		0 2 1 2 0 0
19	2 0	0			!	****	• • • • 2	0	0	0	0	0	****	****	* * * *	• • • •	ő	****	****	••••	ő	ŏ	ŏ	ŏ	0
21 22 23 24 25 26 27 28	0 1 0 1	1 0	0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 	0 0 1 	0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 2	0 1 1 **** 2	0 0 0 0 4 1	0 1 1 ••••	0 1 1 ****	0 0 0 3 2	0 0 1	0 1 0 •••• 3	0 0 1 	0 0 1 	0 0 1 3	0 0 0 4 1	3	0 0 1	0 1 1 	0 0 1
30	ĭ	î	Ĭ	ī	1	ī	1	1	1	1	1		DATA	MISSI MISSI MISSI	NG -	••••	****	****	••••	••••					*****
31												-	DATA	MISSI					8	250	3		120		720
MEAN	1	1	1	1	1	1	4	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	-1	1

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MET TOWER COURTRIGHT DAMST NO 14016

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	2	6	66
FEB	8	2	6	35
MAR	1.4	3	5	26
APR		DATA MIS	SSING	
MAY	14	3	13	37
JUN	21	Ĭ	4	14
JUL	10	2	3	16
AUG	1.4	1	3	8
SEP		DATA MIS	SSING	
OCT	2	1	1	1
NOV	9	0	1	1
DEC	19	7	2	17
YEAR	139	2	13	66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - MET TOWER COURTRIGHT DAMST NO 14016 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR DATA MISSING MAY JUN JUL AUG Ω SEP DATA MISSING OCT NOV DEC FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 ARITH MEAN MAX 8.1 13.7 1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						OI I I				٠	-														
	POLL	JTANT	- SUI	LPHUR	DIOXI	DE							UN	ITS -	PART:	S PER	HUNDE	REDMI	LLION						
	STAT	ION -	VICTO	ORIA S	ST SAR	NIA	OAMST		NO	1404	19		MON	ATH JA	AN .	72									
HOUR DAY	1	2 21	3 21	4 17	5 12	6	7	8 12	9 18	10 20	11 12	12 14	13 8	14	15 9	16 10	17 12	18 7	19 8	20 13	21 13	22 12	23 15	24 I	MEAN 13
2 3 4 5 6 7 8 9	20 15 1 0 1 11 15 1 4 2	4 1 0 2 11 9 1 5	1 1 2 10 7 2 8 0	1 1 2 11 7 1 14 4	1 2 0 1 8 8 0 17 6	0 4 0 1 8 12 1 18 7	1 4 0 1 14 12 1 17 5	5 1 0 3 10 11 1 18 21	18 2 2 1 **** 8 3 1 17 22	2 2 1 1 14 3 2 15	0 0 0 13 3 2 15	2 **** 0 1 13 3 2 14	1 2 0 3 11 3 2 6 52	0 2 0 5 1 5 2 2 4 5 1	120392232	1 1 0 1 1 1 1 2	0 0 0 1 12 1 1 2 3	0 2 0 2 17 3 2 4 2	100041253352	1 0 0 3 11 3 1 2 5	1 0 1 3 20 1 1 2 5	0 1 6 16 3 1	0 1 9 23 2 1 1 8	1 0 1 5 21 5 3 1	2 1 0 3 13 5 2 8 11
11 12 13 14 15 16 17 18 19 20	4 1 9 0 1 2 16 24 2	4 0 13 0 1 2 12 24 1	3 0 16 3 1 2 10 28 2	3 0 11 3 1 2 10 27 1	3 0 11 3 1 2 9 21 0	2 0 13 2 1 3 9 16 1	2 1 10 1 2 3 9 18	2 2 2 1 2 3 10 22 1	2 1 1 1 2 3 12 28 0	1 1 0 6 3 3 	1 1 0 17 3 5 6 25 2	1 2 0 13 3 13 2 28 4	6 2 0 8 3 12 2 27 23	9 2 0 6 3 1 0 2 8 1 2	112023891822	5 3 0 2 2 12 7 26 2	5 0 2 2 1 4 2 5 5	2 3 0 1 2 10 8 29 4 6	3 2 0 1 2 11 19 26 1	11 2 0 1 2 7 19 16 0 5	19 1 0 1 2 10 22 19 1	9 1 0 0 2 15 10 7	8 3 0 1 2 11 14 9 2 3	9 8 2 1 2 13 17 4 3	5 2 4 3 2 7 10 22 2 3
21 22 23 24 25 26 27 28 29 30	2 2 1 1 2 1 1 2 1 4	2 3 1 1 1 2 3 1 4	4 5 1 1 0 3 3 0 2	4 2 1 2 1 0 1 1 0 4	4 3 1 1 0 1 5 0 6	5 3 2 2 3 1 1 3 1 4	4 4 1 2 2 1 1 0 1 2	3 4 2 1 2 1 1 0 1 1	3 4 1 1 2 1 1 1 1 3	3 3 1 2 1 4 1 7 2	3 3 2 2 1 2 1 1 5 2	4 2 2 1 3 2 1 2 8 2	3 4 2 1 1 1 1 5 1	3 12 2 1 1 1 2 1 7	3 7 2 1 2 1 3 1 7	3 5 1 0 1 1 8 1 5	1 9 1 1 0 5 1 24	2 8 1 1 0 7 1 7 0	2 3 1 1 1 0 5 1 2 0	1 2 1 2 0 0 2 1 1	3 2 1 2 1 3 1 8 0	2 2 1 6 2 0 4 1 1 3	2318104031	2313114111	3 4 1 2 2 1 3 1 5 2
31	1	0	1	0	1	1	2	5	17	22	12	20	11	12	9	6	8	13	8	6	4	2	2	2	7
proper prover	2		221		720	- 2	- 2	-	-	-		~							14	- 4	-		124		

PERCENTAGE OF DATA VALID - 98

						ONTA	RIO	MINIS	TRY	OF 1	THE E	NVIRO	NMENT	- AI	R MA	NAGEN	IENT	BRANC	н						
	POLL	JTANT	- SL	JLPHUF	DIO	KIDE							UN	ITS -	PART	S PER	HUNE	DREDMI	LLION	١					
	STAT	ION -	VICT	TORIA	ST SA	ARNIA	OAMST		N	1404	19		MC	NTH F	EB	72									
HOUR DAY 1 2 3 4 5 6 7 8 9 10	1 2 0 1 3 1 3 0 1 1 3	2 1 0 1 2 1 2 1 0 1 3	3 2021101022	4 3 1 2 0 1 0 1 1 2	5 2 1 2 1 1 0 0 0 0 2 5	6 2 1 2 1 2 0 2 0 1	7 1 1 3 1 1 1 2 1 1 1 6	8 1 1 2 1 1 3 7 1 3 1	9 2 2 3 1 1 3 9 9 4 4 4 2	10 **** 2 5 1 1 3 **** 2	11 3 3 10 1 1 2	12 4 3 9 2 2 1	13 5 2 13 1 2 0	14 6 3 8 1 2 1	15 3 3 1 2 1 *****	16 3 2 2 3 1	17	18 2 3 1 4 0 0	19 ***** 1 4 1 6 0 0 1 1	20 **** 1 3 1 7 0 0 1 3	21 3 1 12 1 1 1 2	22 3 1 14 1 1 2 2	23	24 1 1 4 1 7 1 3 1 4	MEAN 2 4 1 1 2 1 2 4
11 12 13 14 15 16 17 18 19 20	0 7 6 3 6 1 0 5 0 0	0 9 6 5 4 0 0 5 1 0	0 9 7 6 1 0 4 1	0 15 7 4 1 0 0 3 1	0 13 7 4 2 0 0 2 1	0 13 6 4 1 1 1 1 1 0	0 12 5 4 1 1 1 2 0	0 14 5 3 1 0 1 1	1 15 5 3 0 0 1 1 1	1 19 5 **** 0 1 2 2 1	2 17 5 6 1 1 3 2 1 0	25 4 4 1 1 4 7	3 19 3 7 1 2 5 8 1 0	12 18 4 11 2 6 6 7 0	16 18 5 14 2 22 6 14	7 19 4 11 31 4 8	3 9 4 3 1 16 3 1 1 0	3 4 5 2 1 14 3 1	3 3 6 2 1 5 2 0 1 0	5 4 5 3 0 3 2 1 1	8 5 4 4 1 1 1 2 1 1 0	7 5 5 6 1 1 2 0 0 3	5538204002	6 6 4 14 1 0 5 1	4 12 5 6 1 4 2 3 1 0
21 22 23 24 25 26 27 28 29	0 0 0 4 0 2 0 3	0 0 7 1 2 2 3	0 0 5 1 2 3	0 1 3 1 2 3 2	0 1 0 1 5	5 1 1 1 1 12	10 0	12 0 2 1 2 12	19	18	2 4 14	15 2 2 3 11	12 **** 1 3 1 23 ***	8 1 5 2 13	3 2 6 2 18	6 0 0 2 3 0 4	4 0 1 2 1 2 9	2 0 1 1 3 0 12 ****	2 0 1 2 3 2 15	2 3 4 1 4	2 3 3 0 4	2 2 2 0 1	7 0 2 2 2 1	3 1 2 1 4	2 2 2 8 * * * * * * * * * * * * * * * *
MEAN	2	2	2	2	2	3	3	3	4	5	5	5	5	5	6	5	3	2	2	2	2	2	3	3	3

UNITS - PARTS PER HUNDREDMILLION STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH MAR HOUR DAY 12344567899 10112344567899 11234567899 122222678990 24 MEAN 0 2 1 2 DATA MISSING ...0 . . 0 0 2 1 0 0 1 O Ó ŏ 2 0 2 11 4 2 2 2 1 0 ò ò ò DATA MISSING DATA MISSING 14 26 2 0 0 0 0 0 0 **** 0 2 2 3 1 1 1 0 0 0 0 0 2 3 1 DATA MISSING - DATA MISSING MEAN

PERCENTAGE OF DATA VALID

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - AI	R M	ANAGE	MENT	BRAN	CH						
	POL	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	PAR	TS PE	R HUND	OREDM:	ILLION	V					
	STA	TION	- VIC	TORIA	ST S	ARNIA	OAMS	Т	N	0 140	49		М	ONTH A	PR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	**** 0 4	* * * * * 0 1	****	****	* * * * 0 0	****	**** 0 0	**** 0 0	0 2	· · · · · · · · · · · · · · · · · · ·	**** 0 1	- - - - - - 0 3	DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI 0 0	NG - NG - NG - NG -	0 1 4	0 6 12	0 16 9	0 7 10	0 3 1	0 2 0	0 4 1	0 3 3	0 8 2	**** 2 4
11 12 13 14 15 16 17	3 0 0 0	800000	2 0 0 0 0	0000000	0 0 0 0 0	0 0 0 0 0 0	1 0 1 0 0 0	2 0 1 0 0 0	2 0 1 0 0 0	2 0 1 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 0 0	0 0 0 0 0 0	1 0 2 0 0 0	1 0 1 0 0 0	0 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0
19 20	0 0	0 0 0	* * * *	0 0 0 0	0 0 0 0	* * * *	* * * * *	0 0 0 0	****		0 8 0 0	0000	***	MISSI 0	0		0	0		0		0	0		* * * *
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	0 **** 2 0 0 1 0 0 0 0 0	0 **** 4 0 0 1 0 **** 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 1 **** 0 0 0 3 4 1	000000000000000000000000000000000000000	**** 0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 2 1	0 0 0 0 0 1 2 0 2	1 0 0 0 0 1 3 0 7	2 0 0 1 0 **** 6 0 7	0 0 0 1 0 **** 8 0 9	0 0 1 1 0 0 6 0 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200000000000000000000000000000000000000	**** 3 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	* * * * * O O O O O O O O O O O O O O O	**** 0 0 0 0 0 0 0 0
MEAN	0	1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	2	2	2	1	0	ï	1	Ť	1

						ONLY	INTO	WINT		01					0.00										
	POLL	UTANT	- SL	JLPHUR	DIOX	IDE							U	NITS - F	ART	S PER	HUND	REDMI	LLION	1					
	STAT	ION -	VICT	ORIA	ST SA	RNIA	OAMST	r	NO	1404	49		M	YAM HTMC	,	72									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	0 1 2 0 0 0 0 0	1 7 4 0 0 1 0 0	6 5 5 0 0 1 0 0 1	3 4 6 0 1 0 1 0	1 6 7 0 1 4 1 1 2 2	1 7 0 0 0 5 1 1 1	0500060111	0500001201112	0 1 1 9 0 2 0 3	4 3 0 0 2 7 0 0 0 2 7	3 22 0 0 2 17 1 0 0	1 12 0 0 1 11 11 0 0	1 4 0 0 1 5 1 0 0	15001231000	0202221000	0 0 0 1 2 2 0 0 0 0	1 1 0 2 2 1 1 0 0 0 0	0 1 0 1 1 1 1 0 0 0 0	0 0 0 8 1 1 0 0	0 0 0 6 1 1 0 0	0000	000000000000000000000000000000000000000	0 0 0 0 1 1 0 0 0	0 0 0 0 1 1 1 0 0	1 4 1 0 0 1 1
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0	000200	0 0 1 0 0	0	0 0 0 3 0 0	0 0 0 4 1 0	0 0 6 3 0	0 0 3 5 0	0 0 8 5	0 0 8 5	0 0 1 5 4	0 6 1 6 3	DATA	MISSING MISSING MISSING MISSING MISSING		00000	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 3 0 1	0 0 3 0 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000	0 0 0 0	0 1 0 2 2 2
21 22 23 24 25 26 27 28 29 30	***		***	***	***		***		***	4	3	2	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		1	0	0	0	0	0	0	0	0	***
31	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	1
MEAN	0	1	1	1	2	1	1	2	2	2	3	3	3	2	1	1	1	1	1	1	0	0	0	0	1

PERCENTAGE OF DATA VALID - 53

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIR				ANAGEN									
	POLL	UTANT	- SU	ILPHUP	DIOX	IDE							UN	NITS	PAR	TS PEF	HUNE	DREDMI	ILLION	1					
	STAT	ION -	VICT	ORIA	ST SA	RNIA	OAMST	Γ.	NC	1404	9		MC	HTMC	JUN	72									
HOUR DAY 1 2	1	2	3 2 2	4 1 2	5 0 2	6 0 2	7 0 2	8 0 3	9 1 3	10 1	11	12 1	13 0 0	14 1 0	15 2 0	16 5	17 4 1	18 3 1	19 6 1	20 3 2	21 3 1	22 8 1	23 7 2	24 3 2	MEAN 2 1
3 4 5 6 7	0 1	1 1	1 1 0 2	1 0 1 3	0 0 0 3 0	1 0 **** 1 3	0 3 0	0 3 0	0 2	1	2 1 0 0 0	3 1 0 1 0 3	2 0 0 0	1 0	20	2 0 1 0 4	20 20 4	2 2	0 1 0 2	0 1 0 2	0 1 0 2	0 1 0 2	0 2 0 2	0 2	1 1 2
9	2	2	2	3	3	3	3	3	0	1 0	3	1	0	0		0	0	0	0	0	0	0	0	0	0
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UNITS - PARTS PER HUNDREDMILLION STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING DATA MISSING 1 1 0 12 13 14 15 16 17 18 19 20 ó ò ó 22 23 24 25 27 28 29 30 0000 TA 0 0 1 0 0 1 0 Ô ó DA MISŠING MEAN

PERCENTAGE OF DATA VALID

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINI	STRY	OF '	THE I	ENVIR	ONMEN.	r - A:	IR M	ANAGE	MENT	BRAN	CH						
	POLI	LUTAN	T - S	ULPHU	R DIO	XIDE							U	STIN	PAR	TS PER	HUND	REDM:	ILLIO	N					
	STA	TION	- VIC	TORIA	ST S	ARNIA	OAMS	Ŧ	N	0 140	49		M	NTH A	AUG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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						UNIA	110	WILLIATS	ini	01	, I	-144 7114	JI WINE IN	nan	1417			J							
	POLL	UTANT	- SU	ILPHUR	DIOX	IDE							UN	NITS - P	PART	S PER	HUND	REDMI	LLION	ľ.					
	STATE	ION -	VICT	ORIA	ST SA	RNIA (DAMST		NO	1404	9		MC	NTH SEP		72									
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PERCENTAGE OF DATA VALID - 39

						C	NTA	RIO	MINIS	STRY	OF	THE	E	NVIRO	NMENT	- A)	R M	ANAGEM	ENT	BRANC	Н						
	POLL	UTANT	· - SI	JLPHU	R D	IOXIC	Œ								UN	ITS -	PAR	TS PER	HUND	REDMI	LLION	ı					
	STAT	ION -	VIC	TORIA	ST	SARN	AIN	OAMS	T	N	140	049			MC	ONTH C	CT	72									
HOUR	1	2	3	4		5	6	7	8	9	1.0	0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	0 1	0 1	0 0 1	0 1	•••	0 0 2	0 2	0 2	1	3	***	5 • • • • 4	5 1 4		DATA DATA DATA	9 1 50 MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	6 1 7 2	3 1 4 2	3 0 3 3	0 3 3	0 2 1	0 2 1	0 3 1	0 3 1	0 2 2	**************************************
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UNITS - PARTS PER HUNDREDMILLION STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH NOV 6 7 9 10 11 14 15 24 MEAN DATA MISSING 0 0 1 1 1 1 1 1 1 n 5 0 0 0 0 0 **** **** **** **** **** 0 * * * * 0 * * * * **** . . . 0 0 0 0 0 0 0 * * * 0 0 **** 0 **** 0 0 DATA MISSING -0 **** 1 0 0 DATA MISSING -DATA MISSING -3 **** - 1 0 **** DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 0 **** 1 0 0 **** 0 0 1 0 0 **** 1 3 1 **** 0 0 1 2 **** 0 0 0 **** **** 1 0 2 ****

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ONTARIO MINISTRY OF THE ENVIRONMENT - ATR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - SULPHUR DIOXIDE

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	POLI	UTAN	T - S	ULPHU	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUNI	DREDM:	ILLION	V					
	STAT	LION	- VIC	TORIA	ST S	ARNIA	OAMS	Ţ	N	0 140	49		M	ONTH	DEC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - VICTORIA ST SARNIA DAMST NO 14049

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24 - HOUR MAXIMUM	MAXIMUM READING
JAN	31	5	22	52
FEB	29	3	12	31
MAR	19	2	7	26
APR	22	1	4	16
MAY	18	1	4	22
JUN	22	1	2	10
JUL	12	0	1	2
AUG	31	1	9	31
SEP	14	2	2	16
ост	4	4	8	50
NOV	15	1	1	5
DEC	22	1	4	8
YEAR	239	2	22	52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE NO 14049 STATION - VICTORIA ST SARNIA OAMST 26 TO 39 40 &OVER TOTAL 00 TO 04 05 TO 10 11 TO 14 15 TO 25 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS MIN O MAX 10 30 VALID 2.0 19.0 0.1 0.4 0.7 1.1 4.6 8.6 14.9

	POLLU	JTANT	- SUI	PHUR	DIOXI	DE							U	NITS -	PAR	TS PE	R HUNI	DREDM	ILLION	N					
	STATI	ON -	4.0 M	ALS NE	LAME	STON G	S		NO	14056	5		М	ONTH J	AN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 3 1 2 0 0 1 0 1 1	4 3 1 3 0 0 1 0 1 0	3313001011	2213000010	4213000073	4 3 1 3 0 0 0 0 1 1	3222000030	3 3 3 0 0 0 0	322200011	2 2 2 0 0 0 1 2 2	3222000140	3 2 2 2 0 0 0 1 4	6 1 3 2 0 0 0 1 1	1 2 1	3 0 1 0 0 1 0 1	1 2 0 0 1 0 1 3	4 0 2 0 0 2 0 1 1	4 1 2 0 0 1 0 1 1 0	3 1 2 0 0 1 0 1 1	3 1 2 0 0 2 0 1 1	3 2 2 0 0 2 0 1 1 0	3 1 2 0 0 1 0 1 0	4 1 2 0 0 5 0 1 1	3 1 2 0 0 1 0 1 0	3 2 2 1 0 1 0 1 2 0
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21 223 24 25 26 27 28 29 30	0 0 0 1	0 0 0 2	0 0 0 2	0 0 0 2	0 0 3	0 2 2 4	0 0 0 2	0 0 0 2	0 0 0 2	1 0 0 3	0 0 0 1	in En En	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	VG - VG - VG -	0	0 0 1	0 1 1 1 ***	0 0 1	0 0 1 ****	0 0 3	0 0 2	0 0 2	0 0 1	0 0 1
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PERCENTAGE OF DATA VALID - 76

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - A]	IR M	ANAGE	MENT	BRANG	CH						
	POL	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	- PAR	TS PER	R HUN	DREDM	ILLION	i					
	STA	TION	- 4.0	MLS	NE LA	MBTON	GS		N	0 140	56		М	ONTH F	EB	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15		17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	非非常的	* * * *	****	***	****	0.000	****	***	****	5 ¢ 4 X	****		DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING -	2000	1	1	1	0	a	1	0	0 '	***
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	POLL	UTANT	- SI	JLPHUR	DIOX	IDE							U	VITS .	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	4.0	MLS N	IE LAN	BTON	GS		NO	1405	6		M	NTH I	MAR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
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27 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ŏ	ŏ	ŏ	ō	0	0	ŏ
29 30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ö
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PERCENTAGE OF DATA VALID - 86

					()	ONTAR	OIF	MINIS	TRY (OF TH	IE EI	NVIRO	MENT	- AIF	MAP	NAGEM	ENT I	BRANCH	4						
	POLLUT	ANT	- SUL	PHUR I	IXOIC	DE							UN1	ITS -	PARTS	S PER	HUND	REDMI	LION						
	STATIO	N -	4.0 N	ILS NE	LAMB	TON (3S		NO	14056	i		MOR	TH AF	P	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14 0	15 0	16	17	18 0	19	20	21	22	23	24 1	MEAN 0
2 3 4 5	0 1 1	0 0 1	0 0 1 0	1 0 1	0	0 1	0	0 0 0 1	0000	0 1 1 0	0 1 1 0	0 1 0	0	0 1 0	0 1 0 0	0	0	000	0000	1 0 0	0 1 0 0	0 1 0 0	0 1 1 0	0 1 1	0 1 0 0
6 7 8 9 10	0 0 0	00000	00000	0 0 0	0000	0000	00000	0 0 0	00000	0	00000	0000	0 0 0 0 1	0 0 0 13	0 0 0 7	0 0 2 4	0 0 8 1	0 0 2 0	0	000	0	0 0 0	0000	0	0 0 1 1
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	00000100	00000000000	000000000000000000000000000000000000000	0 0 0 0 1 0 0 1 0 0	000000000000000000000000000000000000000	0000000100	000000001100	0000100000	000000000000000000000000000000000000000	0000	000000000	0000000000	0000000000	0000000000	0000010000		000000100
21 223 24 256 27 28 29 30	0000000000	0000000000	000000000000000000000000000000000000000	000000000	0000100000	0000000000	000000000	000000000000000000000000000000000000000	0000000000	000000000	00000000	0000000000	00000	000000100	000000000	000000000000000000000000000000000000000	0000000801	0 0 0 0 0 0 0 1	0000000000	0000000000	• • • • • • • • • • • • • • • • • • • •	000000	0002000000	000000000000000000000000000000000000000	000000100
MEAN	n	0	n	0	0	n	O	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0

						VIII	10	MILITAL	111 0	4	-	INVESTIGE.	WILLY I	- 7111	INC.	MAGENI	-191	JIIAIIOI							
	POLLU:	TANT	- 5	SULPHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUND	REDMIL	LION						
	STATI	ON -	4.0	MLS NE	LAME	TON G	S		NO	14056			MON	ТН МА	Υ	72									
HOUR DAY	1	2	3	3 4	5	6	7	8	9	10	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 0 0	0000000000			0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000000000000000000000000000000000000	000000000	0000000000	0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0	0000000000	0000000000	0 0 1 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 2 0 0 0 0	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 0	000000000
11 12 13 14 15 16 17 18 19	0000000000	0 0 0 1 0 1 0	000000000000000000000000000000000000000	0 0 0 0 0 1 0 0	0 0 0 1 0 0 0	0 0 0 0 1 1 0 0 0 0	00000000000	000000000000000000000000000000000000000	0 0 0 1 1 1 0 0	0 0 1 0 1 1 0 0	0001010000	0000411000	0 0 0 1 7 1 0 0	0101320010	0010610000	0 0 0 10 1 0 1	0 0 0 3 1 0 0	000001	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 1 1 0 0 0	0 0 0 0 0 0 0 0 0	000000000	000000000000000000000000000000000000000	0000210000
21 22 23 24 25 26 27 28 29 30	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	100000000000000000000000000000000000000	0000000000	1 1 0 0 0 0 0 1 0	1 0 0 1 0 0 0 0 0	000000000000000000000000000000000000000	100000000000000000000000000000000000000	1 0 0 1 0 0 2 0	0 0 0 0 0 4 0 0	100000000000000000000000000000000000000	1000010300	1 0 0 0 0 0 0 0 4 1	1 0 1 0 0 0 0 5 0 0	100000000000000000000000000000000000000	1 0 0 0 0 1 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0	3 0 0 0 0 0 0	100000000000000000000000000000000000000	1 0 0 0 0 0 0 0
31	0	0	0	0	0	0	0	0	0	0	1	2	3	2	2	2	2	Ĭ	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 99

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIRO	NMENT	- AI	R M	ANAGEN	IENT	BRANC	н						
	POLI	UTANT	- S	ULPHUF	R DIO	XIDE							UN	NITS -	PAR	TS PEF	HUNE	REDMI	LLION	İ					
	STAT	TION -	4.0	MLS N	IE LA	MBTON	GS		N	1405	56		MC	ONTH J	UN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 3 3 4 4	1 2 1 2 0 3 3 3 4 1	1 1 2 0 3 3 3 3 4 1	1 1 1 1 4 3 3 4 1	1 1 1 2 4 3 3 4 1	1 1 1 2 3 3 3 4 1	1 1 3 3 3 3 3 3 4	1 1 2 1 • • • • • 2 4 3 4 1	1 1 2 2 2 3 4 3 4 1	4 1 2 5 9 4 2 1	1 2 2 2 5 4 3 0	1 2 3 1 5 4 4 3 1	1 1 2 1 5 4 4 3 1	4 2 4 1 5 4 4 3 0	11 34 1 1 4 4 4 4 3 1	9 1 3 1 2 3 4 4 4 1	8 2 3 1 5 3 4 4 3 1	2230444420	3 2 0 3 4 4 4 2 1	2 3 3 0 3 3 4 4 2 0	2 3 2 1 3 3 4 4 4 3 0	23213334421	2 2 2 0 3 3 4 4 1 0	1 2 0 3 3 4 4 1 0	3 2 2 1 4 4 4 4 3 1
11 12 13 14 15 16 17 18 19	0 0 2 *** 2 2 2 3 5	0 1 2 **** 2 1 2 2 5	0 1 2 **** 2 2 1 2 5	0 1 2 2 4	0 1 1 * • • • • 1 1 1 2 4	0 2 2 2 1 2 2 3 4	022 **** 32235	0 2 2 **** 2 2 3 4	1 3 3 ***** 1 2 2 6 4	4 2 **** 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	3 1 3 3 2 4 16 0	2 1 4 5 3 3 5	1 1 2 DATA 4 7 3 12 5	1 2 MISSI 4 4 3 9 13	1 2 0 0 0 0 NG - 4 5 3 4 14 3	1 2 0 0 0 0 3 3 3 3 3 3 16 3	1 3 3 3 2 3 8 3	1 2 3 3 3 2 3 7 5	322353	1 2 **** 6 2 2 3 6 3	1 2 4 2 2 3 5 2	1 2 3 2 2 3 5 3	1 2 2 2 2 2 3 5 3	1 2 2 2 2 2 3 5 4	1 2 3 2 3 7 3
21 22 23 24 25 26 27 28 29 30	1 10 3 3 4 4 1 2 2	0 1 10 3 3 4 4 1 1	0 1 5 3 3 3 3 1 2	00033334121	0 1 6 3 4 3 3 1 2 2	0 1 5 3 4 3 4 1 3 2	0 1 6 4 4 4 5 1 4 5	0033466236	1 0 3 3 4 4 6 2 2 8	1 0 3 3 4 4 4 4 2 1 3	1 0 4 5 4 4 4 2 1 3	0 0 4 7 4 4 4 3 1 2	0 1 4 5 7 5 6 2 2 2	1258295235	3 5 11 11 11 4 2 9	4 3 4 14 5 11 4 2 2 13	1 6 5 12 5 9 3 2 3 9	3564562234	2 7 4 10 4 5 2 3 2	4 7 3 6 4 5 2 2 2	7 8 3 5 3 5 3 5 2 2 2 2 2	3 6 3 4 3 4 2 2 2	2 4 3 4 2 2 1 1	1 7 3 4 3 4 2 2 1	23555554224
MEAN	2	2	2	2	2	2	3	3	3	4	3	3	3	4	5	5	4	3	3	3	3	3	2	2	3

						ONLY	MIO	WITHT	31111	0.	,,,,		31 4III.C.14												
	POLL	UTANT	· - SI	JLPHU	R DIO	KIDE							UI	WITS -	PART	TS PER	HUND	REDMI	LLION	ı					
	STAT	ION .	4.0	MLS	NE LAI	MBTON	GS		N	1405	6		M	ONTH J	IUL	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1	1	1	1	1	1	1	3	3	6	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
3	2	0	0	1	1	3	1	2	1	2	3	3	3	4	3	3	1	1	ŏ	ò	ó	ó	ě		1
4	0	0	0	0	0	1	0	0	0	••••	* * * *	0	0	0	0	0	0	0	1	1	0	0	o	ō	****
6	0	0	0	0	0	0	0	0	0	0	7	10	8	9	16	18	15	10	5 3	2	2	3 2 3	2	2	3
8	2 2 2	2	3	3	3 2	3 2 3	3	3	3 3	3 3 3	3 3 3	3	3	3	3	3	3	3 8	8	3 5	3	3	2	3	3
10	4	3	3	2 3	3	3	3	3	3	3	4	12	16	9	4	4	4	4	4	3	4	3	3	3	5
11	3	2	2	2	2	2	3	3	3	14	11	13	. 8	34 5	19	8 10	7	5	4	4	4	3	3	3	7
12 13	3	3	3 2	2	3	3	2	3	5 3	. 12	27	37	19	2	2	2	ž	3 5	3	3	3	2	3	2	3
14 15	3	4	5 4	4	3	3 2	3	3	3 11	10	16 6	18	18	25 3	20 4	11	3	3	3	3	3	3	3	2	4
16 17	2 2 3	2	3	3	2 3 2	2 2 2	3	2	2	2	2 6	2	2	3 5 3	4	3	4	4	4	3	3	3	3	2	3
18	3	3	3	3	3	3	5	7	- 11	13	6	7	11	7 29	44	13	15	14	10 6	7	3	3	3	3	8
19 20	3	3	3	3	6	••••	••••	••••	••••	5	4	5	4	4	5	13 23	15 13	7	6	5	5	5	4	4	6
21 22	5	4	4	3	3	3	4	4	4	4	6	8	7	11	10	6	6	5	5	3	3	3	3	3	5
22	3 3 3	3	3	3	3	2 3 3	3	3	4	3	4	4	3	3	3	3	3	3	ž	3	3	3	3	3	3
24 25	3 2	2	2	3	3	4	3 2 3	2	3 2	2	3	2	3	3	2	3	2	3	3	2	2	2	2 2	2	2
26 27	3	3	3	2	2 2	2	3	8 2	14	2	2	3	2	3	4	3	3	3	3	2	2	2	2	32222	2
23 24 25 26 27 28 29	2 3 2 2 2 2	2	2	2	1	2	2	2	4 2	4 2	2 2 2 2 2	2	2	2 8	8	8	2 6	2 5	3	2	2	2	2		3
30	2	2	2	i	1	î	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2
31	2	2	2	1	1	1	1	2	3	3	3	3	3	8	13	13	15	8	5	5	5	4	4	4	5
	•		•				2	2		4	5	6	- 5	7	7	6	5	4	4	3	3	3	2	2	4

PERCENTAGE OF DATA VALID - 95

						ONT	ARIO	MINIS	TRY	OF T	HE E	NVIRO	MENT	- AI	R MA	NAGEM	ENT I	BRANC	Н						
	POLL	UTANT	' - SI	JLPHU	R DIO	XIDE							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	4.0	MLS	NE LA	MBTON	GS		NO	1405	6		MOR	A HTM	UG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
2 3 4 5 6 7 8 9	4 3 1 0 0 0 0	4 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 2 0 0 0 0 0 0	4 2 0 0 0 0 1 0 0 0	0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	4 2 1 0 0 0 0	52 1 0 3 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	521040100	4 2 1 0 18 1 1 1 1 0	4 2 1 0 35 2 4 1 0	3 3 1 0 32 1 1 3 0	3 3 3 0 1 1 1 5 0 1	4 0 8 2 4 0 2	3 1 3 0 24 1 3 2 1 2	3 1 3 0 11 1 2 2 1	5 1 0 3 0 1 0 2	4 2 1 0 3 1 0 0 0 2	3 1 0 0 1 0 0 0 0	3 1 0 0 1 0 0 0 0 2	3 0 0 0 0 0 0	3 1 0 0 0 0 0 0 0 0 0 0 2	3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 2 1 0 7 0 1 1 0
11 12 13 14 15 16 17 18 19	2132222333	2122222333	222222233333333333333333333333333333333	2 2 2 3 2 2 2 3 3 2 2 3 3	2222233	2222223	222222332	2222223333	2 2 2 2 2 2 2 2 6 3 3	222222933	2222322833	2222322937	2233322734	3333222646	2333222447	233332233432	23332233349	N333NN6335	2 3 3 2 10 3 4	2332229334	2 3 2 2 2 7 3 4	2 2 2 4 3 3 3	2322223333	1 2 2 2 2 3 3 3	222223434
21 22 23 24 25 26 27 28 29 30	3243333342	3 2 5 3 3 2 3 3 6 2	3 1 4 3 3 2 3 3 3 3 2	3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2		3 3 3 2 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2	3 4 4 3 3 3 3 3	3 4 4 4 3 6 4 3 5	5 5 4 2 4 3 11 3 3 2	30 8 5 3 3 3 6 3 4 4	37 23 16 5 3 4 5 3 5	28 12 16 5 3 5 3 9	15 15 21 7 3 4 3 4 8 28	7 10 11 6 3 4 3 4 5 26	5 24 6 4 3 4 7 31	4 5 13 5 4 4 3 4 6 20	3 14 18 4 7 3 4 4 9	3 6 7 4 4 3 4 3 5	4 3 4 4 4 3 4 3 3	0435343433	1 33 4 3 4 3 5 5 5 5	2333343323	2333333322	8 5 8 4 3 3 4 3 4 8
31	2	2	2	2	2	2	2	2	3	4	6	6	12	26	8	5	6	5	5	4	4	3	3	3	5
MEAN	2	2	2	2	2	2	2	2	3	3	4	7	6	6	5	6	4	4	3	3	2	2	2	2	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 4.0 MLS NE LAMBTON GS NO 14056 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 2 3 1 223223* 333223* 3 2 3 2 10 ** 4 2 3 2 1 4 * * 3 3 3 3 3 3 2 4 19 3 2 4 32 ** 3 4 2 13 21 5 5 3 8 3 4 2 4 13 6 3 13 433236* 343 5 3 3 3 3 3 12 13 14 15 16 17 18 19 20 4 4 2 10 27 3 13 2 2 4 4 3 11 17 3 3 2 2 4 2 14 25 3 3 6 2 4 4 9 15 4 4 2 2 4 4 3 12 21 3 3 2 2 4 4 2 8 2 3 3 2 2 2 4 4 2 3 2 1 5 3 2 2 4 3 4 10 4 3 3 2 22 23 24 25 26 27 28 29 30 1 2 2 2 2 1 0 2 2 1 1 3 3 5 1 4 2 2 1 3 2 3 16 7 3 2 2 1 52 52 52 72 24 2 2 2 5 1 1 5 9 2 2 1 4 2 10 14 10 2 2 3 2 4 2 11 12 4 2 3 3 2 3 2 7 1 3 2 7 2 2 2 2 2 2 MEAN

PERCENTAGE OF DATA VALID - 98

						ONTAR	RIO	MINIS	TRY	OF	THE	ENVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANCH	4						
	POLLU	TANT	- SI	JLPHUR	DIOXI	DE							UN	ITS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	4.0	MLS NE	LAME	TON (GS		NO	0 140	56			о нти		72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 4 3 4 4 2 3 1 1 0	1 3 3 4 2 3 2 1 0	1324423210	1 2 2 4 4 2 5 2 1 0	1234423210	1234322110	1224322110	2 2 3 4 3 2 2 1 1 0	6335422210	4 21 3 6 5 2 2 1 0	10 28 7 6 6 2 2 1 0	13 58 7 7 6 3 3 1 0 2	8 34 4 8 6 4 3 2 1 3	5 22 8 6 5 4 4 2 1 3	5 10 5 6 4 5 3 2 1 4	2 12 6 6 4 3 2 1 1 2	2 9 6 7 4 3 2 1 2 2	2 6 5 6 6 3 1 1 2 ****	2545422221	2 4 4 4 4 3 2 1 1 0	2 3 4 4 4 6 1 1 1 2	1 3 5 4 4 7 1 1 1 2	2354341113	8 3 4 4 3 3 1 1 0 4	3 10 4 5 4 3 2 1 1
11 12 13 14 15 16 17 18 19 20	4 3 3 4 1 2 5 1 1 3 1	4 3 2 5 2 2 2 2 1 7	4 2 1 4 1 2 2 1 3 1	3 2 1 3 1 2 2 1 2 1	3312122121	9 3 1 2 1 1 2 1 1 1	20 4 1 2 1 2 1 2 1	18 **** 1 2 2 4 2 1 2	8 1 3 2 13 2 1 3 1	4 **** 1 3 2 9 2 1 4 5	4 **** 1 3 2 10 1 1 11 3	3 **** 5 3 3 8 1 1 4 3	3133381134	4 2 4 3 2 10 1 2 3 12	4 1 10 3 2 27 1 1 4 18	6 1 11 4 2 22 1 1 3 23	5 1 9 2 2 14 1 1 2 13	4 2 5 2 2 6 1 1 2 5	4 1 3 2 2 8 1 1 1 3	4 1 4 2 2 9 1 1 2 2	4362261112	3 5 1 2 4 1 1 1 2	3 8 4 1 2 3 1 1 1	3 8 5 1 2 3 1 8 1 2	5343292135
21 22 23 24 25 26 27 28 29 30	3233351323	3133351223	5133351222	8233361232	6233361233	52 4 3 3 6 1 2 4 5	4233361233	4 2 2 3 3 6 1 2 2 2	5232301223	162224	3363343222	4 37 33 0 52 4 2	4 2 11 4 4 0 4 2 4 3	4 2 11 5 17 0 4 3 3	32 11 32 12 14 33 3	3343125332	3 4 3 8 2 5 3 3 2	3 3 3 10 1 4 3 4 2	3 3 3 3 6 1 3 2 4 2	2333313232	1 3 3 3 3 1 3 2 6 2	2333313272	3 3 3 4 1 3 7 2	2333513282	4243543243
31	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	2	2	3	3	3
MEAN	3	3	2	2	2	3	3	3	3	4	4	6	5	5	5	5	4	4	3	3	3	3	3	3	3

	POLL	JTANT	- SU	LPHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUNE	DREDMI	LLION							
	STATE	ON -	4.0	MLS NE	E LAMI	BTON	GS		NO	1405	6		MON	NTH N	VC	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
DAY 1 2 3 4 5 6 7	2 3 1 2 2 2 2 2 9	3 3 1 1 2 2 2 2 5	3 3 1 1 2 2 3	3 3 1 1 2 2 3	3 1 1 2 2 3	3 3 1 1 2 2 4	3 3 1 1 2 2 4 4 4 9	3 3 1 1 2 2 4	3 3 1 2 2 3 4	331225434	302225435	301227324	4 0 1 2 2 6 3 3 4	4 0 1 2 2 5 4 7 4	3 0 1 2 2 5 4	3 4 2 1 2 6	3 8 1 1 2 5 4	3 3 2 1 2 3	3 2 2 1 2 3	3 1 2 1 2 3 7	3 1 2 2 2 2 2 2 3	3 1 2 2 2 2 2 2 8 3	3 1 2 2 2 3 3 8 3 3	3 1 2 2 2 2 2 2 3 3 3	3 2 1 2 2 3	
10	3	3	3	3	3	3	3	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
11 12 13 14 15 16 17 18 19 20	4 4 2 2 3 3 2 2 1	3 4 5 2 2 2 1 1 3 2 2 1	4 5 1 2 1 3 2 2 1	103211	4 4 6 1 2 4 3 2 2 1	4 6 1 2 3 3 1 3 1	6 1 2 3 3 1 2 1	1 3 4 3 2 2 1	3 4 1 3 4 3 2 2	4 4 1 2 3 3 3 2 1	531234321	8 3 1 2 1 8 4 2 1	10 3 0 2 1 5 4 3	6 3 0 2 1 4 7 3 2	521224333	5 2 1 3 3 4 3 3 3 3	4 2 1 2 3 4 3 2 3	1233222	1243222	421232222	422242212	422232222	4 2 2 2 3 2 2 1 3	422232213	531243322	
21 22 23 24 25 26 27 28 29	32223332333	32223323333	32223333334	322233333333	32223333333	3222333334	3222333334	3 1 2 3 3 3 3 3 4	30000000004	32223333344	3 1 2 2 3 3 3 3 4 2	2 2 2 3 3 3 3 4 2	233333352	21233332394	3 1 2 10 3 3 2 3 19 4	3220 103322394	2226332363	22243333343	22243322343	2223333343	223333333322	22233333333333	22333332	2225323432	3 2 3 3 3 5 3	
	~	•	•		-	2	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 97

						ONT	ARIO	MINIS	STRY	OF T	HE E	NVIRO	NMENT	r - AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	· - \$	ULPHU	A DIO	XIDE							U	NITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	4.0	MLS	NE LA	MBTON	GS		NO	1405	6		M	ONTH D	EC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	1	MEAN
1 2	2 2 3 5	3	3	2	1 2	2	1 2	1 2	2	2	3	3	3	2 3 3 0	3	2	2	2 2 2	2 3 3	2	4	2 4 3	3	2 3 16	3
3	3 5 0	6	9	10	7	3	3	3	3	3	****	ő	3 2 0	ò	1	1	1	1 7	0	0	Õ	0	o o	0	2
6	1	1			••••	****		0	ŏ	0 0 3	0	ŏ	0	0	22 5	10	0	0	0	0	0	0	* * * * 2	2	0
é	2	10	2	2	2	2	2	2	2	3	3 7	3	4	5	5 7	4 5	4	3	3	3	3	3	4	4	3 5
10	4	4	4	4	4	4	4	4	4	4	5	5	6	4	4	4	3	3	4	3	3	3	3	3	4
11 12	3	4 5	3 5	4 7	8	4 8	4	4 5	4	4 5	3	6	4	3 6	4 5	4 6	6	3 6	6	4 6	6	6	6	6	6
13 14	6 2	6	5 1	5 1	6 1	6 1	6	6	5	6	4	4	3 6	1 10 2	8	5	4	4	3	3	3	3	3	3	3
15 16	0	3	0	0	3	0	3	0	0	0	3	0	3	ŏ	ŏ	0	0	ò	****	••••	3	20	16		
17 18	12	3	3	2	2	2	2	2	2	1	1	1	1	1	1	3	3	3	1	1	1	0	1	1	2
19 20	i	1	1	i	1	í	1	i	-	i	1	1	1	1	ĭ	í	i	1	1	i	1	1	1	1	1
21 22	1 2	1 2	1	1	1 3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	Ī	1	1	1	1	1	1	1	2 1	2	2	1 2	2	;	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	2	1
25 26	2	3	3	3	3	3	3	3 2 2	3 2 6	2 2 4	3 2 0	3	3	3 2	3 2	3 2	4 2	3	3	3	3	3	3	2	2
23 24 25 26 27 28	2	1	2	2	2 0 0	2 0 0	2	2 0	6	4	0	0	0	0	0	0	0	1	- }	1	0	9	0	0	ò
29 30	0	0	0	0	0	0	0 3	0	0	0	3	3	1	3	2	1 2	2	2	2	2	2	2	2	2	2
31	2	3	3	3	3	3	4	3	3	3	6	9	19	16	6	13	4	3	3	2	3	2	2	1	5
MEAN	2	3	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	2	3	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 4.0 MLS NE LAMBTON GS NO 14056

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	1	6	13
FEB	19	1	4	10
MAR	28	0	6	20
APR	30	0	1	13
MAY	31	0	2	10
JUN	29	3	7	31
JUL	31	4	8	44
AUG	31	3	8	37
SEP	30	4	10	32
OCT	31	3	10	58
NOV	30	3	5	19
DEC	31	2	6	22
YEAR	345	2	10	58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - 4.0 MLS NE LAMBTON GS NO 14056 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL 538 23 5 0 0 0 538 23 5 0 0 0 394 15 0 0 0 0 632 4 0 6 0 0 704 3 1 0 0 0 738 4 0 0 0 0 567 78 12 2 1 0 599 75 18 14 4 1 633 64 9 11 9 0 597 74 20 13 3 0 614 95 14 10 4 1 645 52 1 1 0 0 624 74 2 6 0 0 7285 561 82 63 21 2 FEB 409 MAR 642 APR 708 MAY 742 JUN 660 JUL 711 AUG 726 SEP OCT 738 NOV 699 DEC 706 7285 561 82 63 21 2 8014

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MTN	4.0		FREQUENCY	DISTRI		PERCENT				ARITH
VALID	MTIA	10	30	50	70	90	9.5	98	99	MAX	MEAN
91	0	0.2	0.6	1.2	2.3	3.9	5.9	10.3	14 8	58	2 2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION MONTH JAN STATION - 5.8 MLS S LAMBTON GS NO 14063 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 3 1 1 0 0 0 0 0 0 1 1 1 0 1 0 0 0 0 1 0 1 1 0 0 0 0 0 4 1 MEAN

PERCENTAGE OF DATA VALID - 65

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	POLLU															S PER	HUND	REDMI	LLION						
	STATI		5.8 M	LS S	LAMBT	ON GS			NO	1406				ITH F		72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
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MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1

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	POLLU	TANT	-	SULPHUE	R DIOXI	DE							UN	ITS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	5 .	8 MLS S	LAMBT	ON GS			NO	14063	3		MO	NTH M	AR	72									
HOUR DAY	1	2		3 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
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11 12 13 14 15 16 17 18 19	2 4 3 1 2 3 2 1 2 2	2442131223	1	1 2 4 4 3 3 1 1 2 2 3 3 3 3 3 3	2 4 4 1 1 2 1 1 2 2	2 3 3 2 1 2 1 1 1 2	3 3 1 2 3 1 1 2 3	3 4 3 2 3 1 1 1 3	5432121223	6 5 4 1 2 3 1 2 3 3	6532432233	6732621233	6 8 2 1 8 3 1 2 3 1	6911521331	5911522231	5 11 1 1 3 2 1 1 3	4512422331	4611322231	4 7 1 1 2 1 2 3 3	4 4 1 2 3 1 2 2 3 1	4 4 1 2 3 1 1 1 2 0	3 3 1 1 3 1 2 1 3 0	4 3 1 2 3 1 1 1 3 0	3 3 1 1 2 1 2 1 3 0	4 5 2 1 3 2 1 2 3 2
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31	3	3		3 4	3	4	4	4	4	4	4	3	4	4	3	4	4	4	4	3	3	4	4	4	4
MEAN	2	2	2	2 2	2	2	2	2	2	2	3	3	3	3	4	4	3	3	2	2	2	2	2	9	2

PERCENTAGE OF DATA VALID - 99

						ONTARI	0	MINIST	TRY (OF T	HE E	NVIR	NMENT	- AI	R MA	NAGEN	IENT	BRANC	Н						
	POLL	JTANT	- SU	ILPHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUNE	DREDMI	LLION						
	STAT	ION -	5.8	MLS S	LAMBT	ON GS			NO	1406	3		MON	ITH A	PR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	3344532001	3 4 3 5 2 3 0 0 2	3 4 4 4 2 3 1 0	3435532102	3 4 4 2 2 0 0 2	3 3 4 5 2 1 0 0 2	3 4 4 4 3 1 0 0 2	3 3 4 4 5 3 2 0 1 2	3354522123	3 4 4 4 5 3 1 4 3 2	3 4 4 3 4 3 1 1 5 2 3	4 4 4 4 4 3 2 1 6 1 3	3 3 4 4 3 3 1 1 5 2 3	3 3 4 4 3 3 0 8 3 4	3 4 5 4 3 3 0 1 2 3 4	356553337744	3 4 5 4 3 3 3 3 3 4	3 4 5 4 2 3 0 0 3 4	3354230823	3 4 4 4 2 2 0 3 2 3	3 5 4 3 1 0 2 1 2	3 3 4 4 3 1 0 1 1 3	3 3 4 4 2 1 0 1 1 2	3 4 4 4 2 1 0 1 1 3	3 4 4 4 2 1 7 1 3
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 1 1 1 ****	1 0 0 0 0 0 1 3 4	2000021344	20000021343	2000022343	2 0 0 0 0 3 1 3 4 4	3 0 0 0 3 2 3 4 5	4 0 * * * 0 0 3 2 4 4 4	7 0 0 1 3 1 6 4	* * * * * 0 0 0 0 2 3 2 6 4 4	**** 0 1 0 2 3 2 6 5 4	**** 0 1 3 1 3 3 4 4 4 5	0 1 1 1 1 3 2 5 6 5	4 1 1 2 0 3 4 4 9 4	2 1 2 3 1 2 7 5 6 5	1 1 2 * * * * 3 2 8 4 5 3	0 0 1 **** 3 3 6 4 5	0013235556	0 0 0 1 0 4 5 5 5 5	0000034356	0000093354	0000033343	0 0 0 0 0 1 3 3 3 3	2 0 0 1 1 3 3 4 5 4
21 223 245 267 289 290	3334000000	3434000000	3 3 3 0 0 0	335300000	3 4 4 3 0 0 0 0 0 0 0	3 4 4 4 0 0 0 0 0 0 0	3444000000	3344002000	3434000000	3 4 4 0 0 0 0	4435900100	4 4 4 5 14 0 0 0 0 1	3456616101	3 4 4 3 9 0 4 1 0	3 4 5 7 5 1 0 0 0	4 4 8 8 1 0 0	4 3 5 11 10 00 00 00	4 3 5 7 1 1 0 0	4 3 5 8 0 0 0 0 0 0	4 3 4 3 0 0 0 0 0 0 0	4 4 3 0 0 0 0	334***	3 3 0 0 0 0	3 4 4 0 0 0 0 0	3 4 4 5 3 0 1 0 0
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	4	4	3	3	2	2	2	2	2	2

						ONTA	ARIO	MINIS	IHY	OF I	HE E	NATH	NMEN	- ATH	MAI	ANGEME	NI C	SHANCE	1						
	POLL	UTANT	r - SL	LPHUR	DIOX	IDE							U	NITS - PA	ARTS	S PER	HUNDE	REDMIL	LION						
	STAT	ION -	5.8	MLS S	LAME	TON G	SS		NO	1406	3		M	YAM HTMC	7	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	-	MEAN
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31	2	2	2	2	1	2	2	1	1	2	2	3	2	2	3	3	4	4	3	3	3	2	3	2	2
MEAN	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	. 1	1	1	1

PERCENTAGE OF DATA VALID - 39

						ONTAR	0	MINISTRY	•	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	Н						
	POLL	UTANT	- St	JLPHUR	DIOX	IDE							UN	IITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	5.8	MLS S	LAME	TON GS			NO	1406	3		MC	NTH J	UN	72									
HOUR	1	2	3	.4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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21 22 23 24 25 26 27 28 29	2 1 0 1 2 2 0 2 3	3 1 0 1 2 2 0 2 3 4	2 1 0 1 2 2 0 2 3 3	4 1 0 1 2 2 0 2 2 3	4 1 0 1 2 2 0 2 2 1	1501220222	0 2 0 1 2 2 0 2 2 3	0 3 0 1 2 3 0 3 3 5	0 0 0 1 2 9 0 4 3 5	0 0 1 2 7 5 3 3	0 0 0 1 2 5 8 4	2 0 0 1 2 4 ****	0 1 2 4 15 3 2 2	2 1 0 2 2 4 16 3 2 2	2 1 6 1 4 6 12 3 2 3	1 0 17 2 9 10 12 4 2 2	1 0 13 4 17 10 9 4 2 3	1 0 6 5 1 2 1 2 6 5 4 4	1 0 2 3 4 10 4 5 4 5	1 0 1 5 3 5 4 4 3 2	1 0 1 4 2 4 4 3 2 2	1013236332	1012234342	1012214352	1 1 2 2 4 5 5 5 3 3 3 3
MEAN	2	2	2	2	2	2	2	2	3	3	3	3	5	4	7	6	5	4	3	3	2	2	2	2	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 0 1123 4 5 6 7 8 9 0 1123 4 5 6 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 1233 4 7 8 9 0 123 24 MEAN 2 2 1 0 1 0 0 1 4 8 0 10 9 0 0 2 3 29 0 11 7 0 0 4 6 20 0 0 13 0 0 0 7 0 0 13 0 0 3 11 6 2 2 2 3 5 4 * 2 2 10 23 29 65 10 2 6 11 2 33522* 13422 1 2 3 1 2

PERCENTAGE OF DATA VALID

 PERCENTAGE OF DATA VALID -

MEAN

					ONT	AHIU	WTN1:	SIRY	OF-	THE	ENVIR	ONMEN	T - AIR	M)	ANAGEN	IENT	BRANC	CH							
POLL	.UTAN	IT - S	ULPHU	R DIO	KIDE							U	NITS -	PAR	TS PER	HUND	DREDMI	ILLIO	N						
STAT	TION	- 5.8	MLS .	S LAME	STON (GS		NO	140	63															
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233235	2 3 3 2 4 10	3 2 2 3	3 2	2 3 2 1 3 ****	3 3 2 1 3 ****	3 3 2 2 2 ****	5 3 3 2 ****	5 3 2 2 ****	4 2 2 2 2 * * * *	3 2 2 2 2 * * * * *	140	DATA	MISSIN	G -	2 3 2 1 3 3 ****	2 3 5 1 5 ****	2 3 5 1 10 ****	2 3 5 2 4 ****	2 4 2 2 3 3 ****	2 5 2 3 4	3 4 2 3 5	3 4 2 5 4 ****	3 3 1 4 8	3 3 3 2 4 ****	
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	STAT 1 3 3 3 9 2 2 2 2 5 4 4 4 4 4 2 3 3 3 2 5 5	STATION 1 2 3 3 9 10 2 2 2 2 5 4 4 4 4 5 2 2 3 3 3 2 3 4 5 10	STATION - 5 .8 1	STATION - 5.8 MLS: 1	STATION - 5.8 MLS S LAME 1 2 3 4 5 3 2 2 2 2 2 9 10 12 13 13 2 2 2 2 2 2 2 2 2 2 5 3 7 4 4 4 4 4 4 4 4 4 5 5 4 3 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON 1	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS 1 2 3 4 5 6 7 3 3 3 2 2 2 2 2 3 3 3 10 12 13 13 12 11 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 1 1 2 2 2 2 2	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS 1 2 3 4 5 6 7 8 3 3 3 2 2 2 2 2 2 2 2 9 10 12 13 13 12 11 11 2 2 2 2 2 2 1 1 1 2 1 2 2 2 2	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NC 1 2 3 4 5 6 7 8 9 3 3 2 2 2 2 2 2 2 2 2 2 3 3 9 10 12 13 13 12 11 11 12 2 2 2 2 2 2 2 1 1 2 1 1 2 2 2 2	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 1400 1 2 3 4 5 6 7 8 9 10 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 1 2 3 4 5 6 7 8 9 10 11 3 3 2 2 2 2 2 2 2 2 2 3 2 2 2 2 2 2 2	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 1 2 3 4 5 6 7 8 9 10 11 12 3 3 3 3 3 2 2 2 2 2 2 2 3 4 4 4 4 4 4 4	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AU 1 2 3 4 5 6 7 8 9 10 11 12 13 14 3 3 2 2 2 2 2 2 2 2 2 2 2 3 4 3 4 3 4	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 3 3 3 3 3 2 2 2 2 2 2 2 2 3 4 3 3 3 3 4 4 4 4	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 3 3 2 2 2 2 2 2 2 2 2 2 3 4 4 4 4 4 5 3 3 3 2 3 9 10 12 13 13 12 11 11 11 12 12 12 11 13 13 12 22 20 22 2 2 2 2 1 1 2 1 1 10 0 0 0	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 3 3 3 2 2 2 2 2 2 2 2 2 3 2 2 2 3 2	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 3 3 2 2 2 2 2 2 2 2 2 3 3 2 2 3 3 2 2 3 3 3 3 7 88 9 10 12 13 13 12 11 11 12 12 12 11 13 13 14 2 2 20 20 14 2 2 2 2 2 1 1 1 2 11 11 10 0 0 10 11 13 13 22 20 20 14 2 2 2 2 2 2 1 1 1 2 2 1 11 0 0 0 0 0 4 4 0 0 26 4 4 2 2 2 2 2 2 1 1 1 2 2 3 3 3 3 4 4 5 4 4 3 4 4 5 5 5 5 5 5 4 4 4 3 4 4 5 5 5 5	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 3 3 3 2 2 2 2 2 2 2 3 2 2 2 3 3 4 3 3 3 3	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 3 3 3 3 3 2 2 3 3 3 3 4 4 4 4 4 5 3 3 3 2 2 3 3 3 3 4 4 4 4 4 5 3 3 3 2 2 20 20 14 14 6 2 2 2 2 2 2 1 1 2 1 1 1 11 12 12 13 13 13 22 20 20 14 14 6 2 2 2 2 2 2 2 1 1 2 2 1 1 1 0 0 0 0 0 0	POLLUTANT - SULPHUR DIOXIDE STATION - 5 8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 3 3 3 3 3 4 4 4 4 4 5 3 3 3 2 7 8 9 11 12 12 12 11 13 13 12 12 12 11 13 13 12 20 20 14 14 6 6 4 2 2 2 2 2 2 1 1 2 11 11 12 12 12 11 13 13 12 20 20 14 14 6 6 4 2 2 2 2 2 2 1 1 2 2 1 1 10 0 0 0 0 4 4 0 26 4 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 3 3 3 3 4 4 4 4 4 4 3 3 3 2 7 8 9 11 12 10 12 12 12 12 11 13 13 14 15 16 17 18 19 20 21 22 2 2 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 4	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 3 2 2 2 2 2 2 2 2 2 3 4 4 4 4 5 3 3 3 3 3 4 4 4 4 3 3 4 3 3 3 3	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 3 3 3 3 3 4 4 4 4 4 5 3 3 3 2 7 8 9 11 12 10 9 8 9 10 12 13 13 12 11 11 11 12 12 12 12 12 11 13 13 12 20 20 14 14 6 4 4 13 3 2 2 2 2 2 2 2 2 1 1 2 2 1 1 0 0 0 0 0 4 4 0 0 26 4 3 3 3 3 2 3 3 2 2 2 2 2 2 2 1 1 2 2 1 1 0 0 0 0 0 4 4 0 0 26 4 3 3 3 3 2 3 3 2 2 2 2 2 2 2 2 1 1 2 2 1 1 0 0 0 0 0 4 4 0 0 26 4 3 3 3 3 2 3 3 2 4 4 4 2 2 3 2 2 2 2 2	POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH AUG 72 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 3 3 3 3 3 2 2 2 2 2 2 2 2 3 2 2 3 4 3 3 3 3

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH SEP STATION - 5 8 MLS S LAMBTON GS NO 14063 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 5 6 9 11 4 5 7 6 6 8 7 3 2 5 2 3 4 5 6 7 8 9 DATA MISSING DATA MISSING DATA MISSING DATA MISSING 3 16 1 1 1 1 0 0 0 0 0 4 32 1 32 1 23 1 1 4 2 1 1 12 6 9 5 3 3 4 12 13 14 15 16 17 18 19 20 1 10 4 7 2 1 11 6 7 0 2 1 5 8 4 20 4 9 7 3 23 8 4 2 2 4 4 10 3 3 1 3 3 6 3 31 .2 ** 0 10 2 3 6 2 22 23 24 25 26 27 28 29 30 . 8 3 4 10 11 11 1 6 10 3 4 4 0 DATA MISSING DATA MISSING 10 10 3 2 2 3 5 2 3 1 4 14 2 3 16 5 9 11 9 4 3 10 5 11 3 3 10 7 1 3 2 6 3 2 3 6 5 3 5 3 7 5 2 6 5 4 3

 PERCENTAGE OF DATA VALID -

MEAN

						ONT	ARIO	MINIS	TRY	OF 1	HE E	NVIR	DUMEN.	T - AI	R M	ANAGEN	MENT	BRANC	H						
	POLLUTANT - SULPHUR DIOXIDE UNITS - PA STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH OCT															TS PEF	HUND	REDMI	LLION	l					
	STAT	ION -	5.8	MLS S	LAME	STON (GS		NO	1406	3		M	ONTH O	CT	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	33 39 50 21 12	5 11 5 0 1 1 1	0 6 11 4 0 1 1 1 1 2	1 6 10 5 0 1 1	3 6 9 5 0 1 2	3 6 9 5 	35 9 6 0 2 1 1	3 7 8 7 0 2 2 1	3 7 9 7 0 2 2 1	0 3 8 9 8 **** 2 2 1	3 9 9 8 2 2 2 1 2	3 9 10 13 **** 2 1 1 3	6 3 9 12 13 4 2 1 2	3 10 13 13 3 1 1	3 4 11 14 12 2 1 1 1 1 3	5 9 13 12 1 1 2 3	1 4 7 13 10 1 1	3 6 12 7 1	10 1 7 11 3 2	7 1 6 10 9 3 3	10 3 8 8 13 1	6 1 8 6 1 1 **** 2 2	3 3 9 4 2 1 *****	6 4 9 4 1 1 1 1 2 2	3 7 10 7 1 2 1 1
11 12 13 14 15 16 17 18 19	300212221001	3 1 3 2 2 2 2 0 0	2 1 3 1 2 2 0 0		2 0 3 1 1 2 0 1 0	4 1 2 1 1 2 0 1 1	50 2 1 1 2 0 0	5 0 2 1 2 2 0 0	3 0 2 2 2 2 2 0 0 2	2 0 2 2 3 2 0 0 5	2 1 2 1 2 1 0 11 3	1 0 2 1 2 1 0 23 2	1 1 2 1 3 1 1 1 12 *****	1 1 2 2 3 1 1 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 7 2 1 3 1 1 9	1 8 2 1 2 2 2 1 10 1	1 5 2 1 4 1 1 7	1 4 1 2 5 1 1 4	1 32 22 5 1 1 2 3	1 2 2 2 4 1 1 2 2 2	3032150010	2 0 3 1 2 5 0 0 1 1	2 1 2 3 0 0 1 2	3 1 2 1 2 2 1 0 1 3	2 2 2 1 3 1 0 5
21	1	3	0	0	3	7	6	5	5	4	3	3	DATA	MISSI	NG 1					* * * *					
21 22 23 24 25 26 27	1 2	1 1	* * * * * 1 3	* * * * 1 5	0 3	1 1	0 3	1 2	,		3 0	0	0	0	2 0	1 1	2	1 2 ****	1 2 ****	1 2	1	!	1 2	1	1
26 27 28 29 30	2 5 1	* * * * 2 5 1	* * * * 1 6 1	1 3 1	1 2 1	**** 1 2 1	**** 1 2 1	**** 1 2 1	3 1 1	9 1 0	0 10 2 1	1 2 3 1	1 3 ****	MISSI	1 3 ****	2 3 2	1 2 10 1	1 2 9 1	0 3 9 0	1 2 6 1	1 3 1	2 3 1 0	3 2 0	**** 3 1 0	3 4 1
31	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
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POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 5.8 MLS S LAMBTON GS NO 14063 MONTH NOV 72

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 HOUR DAY 20 21 22 23 24 MEAN 0 1 1 4 5 3 0 0000 0000 0000 0000 0000 0 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0 1 3 0 3 1 1 1 3 0 2 1 2 3 2 2 1 9 10 2 3 0 2 2 1 1 2 3 2 1 12 13 14 15 16 17 18 19 20 2 2 3 5 4 **** 3 1 2 1 2 3 2 2 22 23 24 25 26 27 28 29

PERCENTAGE OF DATA VALID - 84

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MEAN

						ONT	ARIO	MINIS	STRY	OF	THE	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANG	CH						
	POLLU	ITAN	r - s	ULPHUR	R DIO	XIDE							U	NITS	- PAR	TS PER	R HUND	DREDM:	ILLIO	N					
	STATI	ON -	- 5.8	MLS S	LAME	BTON	GS		N	140	63		M	ONTH	DEC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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11 12 13 14 15 16 17 18 19 20	0 1 4 1 3 3 **** * 1 4 0	1 1 3 2 2 3 5 0	2 3 3 1 2 1 **** 2 6	1 3 4 0 2 0 **** 2 6 1	1 4 3 3 0 0 0 0 1 6 1	1333001100*****************************	0 4 3 1 1 1 1 1 1 6	1 3 3 1 3 0 ****	1 3 3 0 2 0 0 0 1 6 0	1 2 4 1 2 ***** 1 6 0	3 3 4 1 2 1 ****	3 3 1 6 3 1 ****	3 3 **** 14 3 0 **** 1 ****	3 4 0 6 1 0 1 1 1	3 1 9 2 0 0 2 1 1	3 5 0 13 3 0 1 1	1 3 1 10 1 0 2 4 2	1 4 0 6 1 **** 0 2 1 1	1 4 0 3 1 **** 0 1 1 0	0 3 0 3 2 * * * * * 0 2 2 0	0 2 1 1 2 **** 2 2 0	0 3 1 2 3 **** **** 2 0 0	1 4 1 2 2 **** **** 2 0 0	0 4 1 2 3 **** **** 3 0	1 3 2 4 4 2 1 ****
21 22 23 24 25 26 27 28 29 30	1 0 3 1 1 2 1 1 1	102112113	102111111111111111111111111111111111111	1 0 3 1 1 1 1 1 1 4	1 0 2 1 1 1 1 1 1 3	1 1 3 1 1 1 1 1 3	1031121113	1 0 3 0 1 2 1 1 1 4	1 0 3 1 1 1 3 1 0 4	2 1 3 1 1 3 2 2 2 4	1 3 3 0 2 2 1 1 1 3	1 1 3 1 2 2 ****	1 1 1 1 2 **** 1 2 4	1 3 1 1 3 2 **** 1 1 3	1 3 1 1 3 2 1 1 1 3	1311320124	1311320122	1 3 1 1 2 2 0 1 2 1	13111023	1 2 1 0 2 1 1 0 2 3	0 3 1 0 2 1 1 1 2 2	0300111133	1 3 0 1 1 1 1 3 3	1 3 1 1 1 1 3 3	1221221123
31	3	4	4	5	4	4	4	4	4	4	5	4	4	4	4	4	3	3	1	2	3	1	1	1	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	1	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 5.8 MLS S LAMBTON GS NO 14063

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	1	5	6
FEB	29	1	4	8
MAR	31	2	5	17
APR	30	2	7	30
MAY	13	1	2	12
JUN	28	3	9	36
JUL	31	3	5	29
AUG	18	4	11	26
SEP	24	4	9	35
ост	29	3	10	23
NOV	30	2	3	14
DEC	31	2	4	14
YEAR	315	2	11	36
- A	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - 5.8 MLS S LAMBTON GS NO 14063 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 MIN VALID 2.3 12.7 0.2 0.7 9.9 1.3 2.4 4.4 6.5

UNITS - PARTS PER HUNDREDMILLION STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 0 2 1 0 3 1 1 2 1 2 1 2 4 2 12 13 14 15 16 17 18 19 20 1 0 Ó ń DATA MISSING
DATA MISSING
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DATA MISSING
3 3 3 **
1 1 22 23 24 25 26 27 28 29 30 1 1 0 0 0 2 2

PERCENTAGE OF DATA VALID

MEAN

POLLUTANT - SULPHUR DIOXIDE

						ONTA	HIU	WINTS	SIRY	OF I	HE E	ENATH	JNMEN	I - A	IR M	ANAGE	MENT	BRANC	CH						
	POLL	UTAN	T - SI	JLPHUF	R DIOX	KIDE							Ü	NITS	- PAR	TS PEF	R HUND	DREDM:	LLION	N					
	STAT	ION	- KING	3/RECT	TORY L	ONDO	N FAIF	t	NC	1500	11		M	ONTH	FEB	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	2	2	1	2	2	1	0 2	0 2	1	1	1	1 2	1 2	0000	1 2	1 2		1	1			0		0 * * *	****
4 5 6 7 8	0 1 0 0 2 2 0	0 1 0 0 2 2	0 1 0 0 2	0 1 0 0 2	0 0 0 2	0 0 0 1	0 0 1 0 2	0 0 2 0 3	0 1 3 1 3	0 1 2 1 4	0 1 2 1 2	1 1 2 1	0 0 1 1 ****	0 1 1 1	0 1 1 1	0 2 0 0	0 2 0 0	0 2 0 0	0 2 0	1 0 2 0 1	1 0 2 0 1	0 1 0 1	1 0 1 0 2	1 0 0 0 2	0 1 1 1 2
10	0	0	0	0	0	1	1	2	3	2	2	2	1	1	0	0	0	0	0	0	1	1	0	ó 1	1
11 12 13 14 15 16 17 18 19	1131300120	1231300130	1321200120	14212000111	1521200111	152120111	1621101101	1 8 2 1 1 0 1 0 1	10 2 1 1 0 1 2 0 1	2821112202	3722122302	2823212312	1 7 2 2 1 **** 2 3 0 2	1 7 2 2 1 **** 2 3 **** 2	1 7 3 2 1 ***** 1 2 0 2	152221*****12011	2412011200	1 4 2 1 1 0 1 2 0 0	1 4 2 1 0 0 1 2 *****	1 4 2 1 0 0 1 1	14220011	0323001100	0323001101	0323001201	15221001211
21 22 23 24 25 26 27 28 29 MEAN	100201001	10004	1 1 0 4 0 0 0 0 1	10003000001	1 1 0 2 0 1 0 0 1	200201101	200201000	3 1 0 1 0 1 1 0 0	3 1 0 1 0 1 1 0 0	3 1 1 0 2 2 1	4 1 1 1 1 1 2 2	3 1 1 1 2 2 1	2 1 1 1 1 1 2 1	2 1 0 1 1 1 1 2 1	2 1 0 1 1 1 1 1	2 1 **** 0 1 0 3 1 1	2000000000011	000000000000000000000000000000000000000	100000301	1 0 0 0 1 0 3 0 1	100010300	000010101	000010010	0 0 1 0 1 1 1	20001
WEAN	1	7	1	-1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	7	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT ATP MANAGEMENT PRANCE

	POLL	UTANT	· - SU	LPHUR	DIO	IDE							U	ITS -	PART	TS PEF	HUNC	DREDMI	LLION	ı					
	STAT	ION -	KING	RECT	ORY I	ONDON	FAIR		NO	1500	1		M	NTH N	IAR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	10000	1 0 0 0 1 0 0 0	20001000	2000101000	200000010001	100000000000000000000000000000000000000	10000	100002110001	1 0 0 1 1 0 0 1	1 0 1 0 3 1 1 0 2 1	1 0 1 0 2 2 2 2 2 1 1	0 1 0 1 3 2 2	0 0 1 4 1 0 2 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000000	00000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 1 1 0 0 1
11 12 13 14 15 16 17 18 19	0 1 1 0 0 0 0 0 0	0 1 0 0 0 0 0 0	0 1 1 0 1 0 0 0 0	0 1 0 0 1 0 0 1 0	000000000000000000000000000000000000000	000110000000000000000000000000000000000	0000	0001000020	1 0 0 1 0 0 0 1 1	2100000010	3 0 0 0 0 1 1	32000000011	3 0 0 1 0 0 1 1	2 2 0 0 1 	2 1 0 0 0 1 2	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 1 0 0 0 1	1 0 0 0 0 1	0 1 1 0 0 0 0 0 0 1	000000000000000000000000000000000000000	011000000000000000000000000000000000000	0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 1 0 0 0 0 1
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 0 0 	000000000000000000000000000000000000000	000000000000000000000000000000000000000	3010000012	2010000	1 0 1 5 1 5 3 1 2	1 0 1 3 1 1 1 1 2	1013100022	20131000011	1 0 1 3 1 0 0 0	2011211000	2 0 1 1 1 0 0 1 1 1 1 1	1 0 1 0 1 0 0 1 1 1 1	100000000000000000000000000000000000000	1 0 0 0 0 0 0 1 1 1 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 0 0 0 0 1 1
31	1	1	11	2	1	1	2	4	3	3	2	2	2	2	2		1	1	1	1	1	1	1	1	2
MEAN	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1

PERCENTAGE OF DATA VALID - 93

						ONTAR	IO M	INIST	RY (OF TH	HE E	NVIRON				NAGEMI S PER		BRANCH							
				PHUR I			EATE		NO	1500	•			NTH A		3 FER 72	HUND	TEDWIT	LLIUN						
HOUR DAY 1 2 3 4 5 6 7 8	1 1 1 1 1 3 0 0	2 1 2 1 1 2 0 1 0	3 1 3 1 1 2 0 1 0	4 1 2 1 1 2 0 1	5 1 1 1 1 1 0 0 0 0 0	6 1 1 1 1 2 0 1 0 0	7 1 1 1 1 1 0 3 4 2	B 1 1 2 1 0 6 2 2 2	9 1 1 2 2 0 3 1 1	10 2 1 1 2 2 0 2 1 1 1	11 2 1 1 2	12	13 2 1 1 2 0 0 1 0 0 0 1	14 2 1 1 0 1 1 0 1 1	15	16 2 1 1 1 0 1 0 2	17	18	19	20	21 1 1 2 0 1 0 1 1 1 1	22 1 1 1 1 0 1 0 1 1	23	24 M	1 1 2 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10 11 12 13 14 15 16 17 18 19 20	1 0 0 0 0 0 1 1	0 1 0 0 0 0 1 1	0 1 0 1 1 1 1 0 0 1	0 1 0 1 1 1 0 0 0 1 1 1	0 1 0 1 0 0 0 1 1	0 00 00 1 00 1 2 1	10000101121	1 1 0 0 1 0 2 3 3 0	2 1 1 0 0 0 1 3 1 0	2 1 1 0 0 1 1 3 1 0	2 1 1 1 1 1 1 2 2	1 1 0 1 1 1 2 3 1	1 0 1	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 0 1 1 0 0 1 1 0 0	0 1 0 1 0 0 2 1	1 0 1 0 0 0 2 1 0	1 0 1 1 0 0 2 1 0	0 1 1 1 0 0 2 1 0	0 1 1 1 0 0 0 0 2 1 0	0 1 1 1 0 0 0 0 1 1 0 0	02110000110	0 1 1 0 0 0 1 1 0	0 1 1 0 0 0 0 1 1 0	1 1 0 1 0 0 1 1 0 0
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	POLLU	JTANT	- SI	ULPHUR	R DIOX	IDE							U	NITS	- PAR	TS PE	R HUN	DREDM	ILLIO	N					
	STATI	ON -	KIN	G/RECT	TORY L	ONDON	FAIF	?	N	0 150	01			HTMC		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0000000011	0	0100000011	0 1 0 0 0 0 0 1 0	0 1 0 0 1 1	0 1 0 0 0 1 0 0 1 2	0110010022	0 **** 0 0 0 1 0 0 2 2	0300010022	0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 1 0 0 0 1 0 1 1	0 1 1 0 0 1 0 1 1	0 1 1 0 0 1 0 1 1	0000000011	000000000000000000000000000000000000000		000000011	0000000011	000000000011	00000000011	0 0 0 0 0 0 0 0	0 1 0 0 0 1 0 0
11 12 13 14 15 16 17 18 19	1 0 0 1 1 1 0 0 0 0 0	1 0 0 1 1 1 0 0 0 0	1 0 0 1 0 0 1 0	1000	1 0 0 1 1 1 0 0 0 1 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0 0 1 1 0 0 1 0	32011110121	3 1 0 0 1 1 1 1 2 1	2 1 1 2 1 1 1 1 1 1	2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 0 0 0 1	0 1 2 1 1 1 0 0 0	0 1 2 1 2 1 0 0 0	0 1 2 1 2 0 0 0	1 1 1 2 0 0 0 0	1 1 1 1 0 0 0 0	0 1 1 1 1 0 0 0 0 0 1	1 1 1 0 0 0 0	1 1 1 1 1 0 0 0 0 0 1	0 1 1 1 1 0 0 0 0 0 1	0 0 1 1 0 0 0 1 1	0 0 1 1 1 0 0 0 0	00001	1 1 1 1 1 0 0 0
21 223 244 255 277 289 30	1 2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100111000000000000000000000000000000000	0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 2 2 * * * * *	2 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 **** 0 0 0 0 1 ****	2 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0	2 0 1 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 0 0 0 1 0	1 0 1 1 0 0 0 1 1	1 0 1 1 0 0 0 0 1 0	1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	201000000	1 1 1 0 0 0 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	.0	0	0	1	1	1	7	1	1	1	Ť	1	ì	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 95

PERCENTAGE OF DATA VALID - 60

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION																									
	POL	LUTA	NT -	SULI	PHUF	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUNI	DREDM	ILLIO	V					
	STA	TION	- KI	NG/F	RECT	ORY I	LONDO	N FAI	R	N	0 150	01			ONTH		72									
HOUR DAY	1		2	3	4	5	6	7	8	9	10	11	12				16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000010	0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000110	000000110	0 0 0 0 1 1	00011100001111	0001100001100	00100001100	00000001100	000000000000000000000000000000000000000		0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 1 1 0	0 0 0 0 0 0 1 1 0	0 0 0 0 0 1 1 0	0 0 0 0 0 0 1 1 0	000000000000000000000000000000000000000	0 0 0 0 0 1 0 0	0000000100	000000100	0000000110
11 12 13 14 15 16	0 0 0 1 ****	((1 ****) · ***	0 0 0 1 * **	0 0 1 1 1 0	0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1		0 0 0 1	0 0 2 1	0 0 2 1	0 0 2 0	1	0 1	0	0 0 1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 	0 0 1 ****	0 0 0 0 0 1	0 0 0 ****	0 0 0 0 1 1	0 0 1	0 0 1	0 0 1 0 * * * * 1 0	0 0 1
18 19 20					0	0000		0000					Sec.	DATA	MISSI	ING -	0	0	0 ***	0	0	0	****	****	0 * * *	****
21 223 24 25 26 27	٩	1		1	4	0	0	0	0	0		****	•	DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING -	****	0.0.80	* * *	***	* * * *	* * * *	***	* * * *	***	***
28 29 30	0 0 0 0	0000		0 0	0 0	0	* * * * * 1	0 0	0 0	0 0 0	* * * * 0 0	* * * * 0 0	0000	DATA 0 0 0	MISSI 0 0 0	NG - 0 0 0	0000	0 0	0	0 0	0 0 0	0000	0	0	0 1 0	0 0
MEAN	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

44

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH JUL JI J 14 J 1 0 DATA MISSING DATA MISSING DATA MISSING DATA MISSING 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 0 0 0 . . 0 0 0 1 0 1 0 0 0 1 0 0 1 0 0 1 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 30 2 1 2 1 2 2 1 DATA MISSING ó ó ò ò Ó ó Ó Ó Ô 0 0 1 **** 1 2 1 1 2 1 DATA MISSING
PERCENTAGE OF DATA VALID - 56

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH									
	ONTARTO	MINISTRY	OF	THE	ENVIRONMENT	2	AIR	MANAGEMENT	BRANCH

															UNITS - PARTS PER HUNDREDMILLION									
	STATION	- KIN	G/RECT	ORY L	ONDON	FAIR		NO	1500	1		M	ONTH AL	JG	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2 3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG - NG - NG - NG - NG -	16	1.7	18	19	20	21	22	23	24 ME	EAN
11 12 13 14 15 16 17 18 19 20												DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
21 22 23 24 25 26 27 28 29 30	0 0 0 0	0 0 0 0 0 0 1 1 1 0 0 0	0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	****	0000000	DATA DATA ***** 0 0 0 0 0	MISSI MISSI 0 0 0 0	NG - NG - 0 0 1 0	1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0	00010000	0000000	0 0 0 0 0 0	0 *	*** 0000000
31 MEAN		0 0	1.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH SEP 72																								
	STA	rion	- KIN	G/REC	TORY	LONDON	FAIR	3	NO	1500	1		М	ONTH SEP	E	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	0 0 0	0000	0	0	000	0 0 0	0 0 0	0 0 0	0000	0 0 0	0 0 0	0 0 0 0	0 0 DATA DATA	0 0 MISSING MISSING	-	0 0 0	0	0 0 0	0 0 0	0000	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0
8 9 10	0 0 0	0 0	0 0 0	**** 0 0	0 0 0	0 0	5 5 4 8 4 5	* * * * 4 6	**** 0 0	0 0 0	0 0	000	0	MISSING	0000	0 0 0	000	0 0 0	0	0	0 0 0	0 0 0	0	0	**** 0 0
11 12 13	0	0	0	0	0	0	0	0	0 1	1	1	1	1 1 DATA	1 1 MISSING	1	1	1	1	1	0	1	0	0	0	1
14 15 16 17 18 19 20	0	0	0	0	1	1	5 1	6	1	1	1	1	DATA	MISSING MISSING	1	0 1 1	0 1 1	1	0 1 1	0 1 1	0 1 1	0 1 1	0 1	1 1 ****	1
20	***		***	* * * *	0.00.0	0000		0 0 0 0	* * * *	***	***	0000		MISSING	ō	0	0	0	0	0	1	1	1	1	
21 22 23 24 25 26 27 28 29	1 1 1 2	0 1 1 2	0 1 1 2	0 1 1 2	1 1 1 2	1 0 1 3	1 5 3 3	1 4 1 3	1 0 1 3	1 0 1 3	1 0 1 3	1 1 1 4	1 1 1 3 DATA	1 1 1 3 MISSING	1 1 1 3	1 1 1 3	1 1 1 3	1 1 2 3	1 1 1 3	1 1 1 2	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2	1 1 1 3
26 27 28	0	0	0	0	0 ***	0	0	0	0	0	0	0	0	1 0 MISSING	0	0	1 0	0		1	0			0 ***	0
29 30	0	0	0	0 ***	0 * * *	* * * *	0 ***	0 * * *	0 ***	1	0	0	1 0	1 0	1	0	1	0	0	0	0	0	0	0	* * * *
MEAN	0	0	0	0	1	1	2	2	0	1	1	1	1	1	4	1	1	1	1	0	1	1	1	1	1

PERCENTAGE OF DATA VALID - 60

	POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION																								
	POL	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS	- PAR	TS PER	R HUNE	DREDM:	ILLION	V					
	STA	TION	- KIN	G/REC	TORY	LONDO	V FAIR	3	NO	0 150	01		M	ONTH (OCT	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	1.6	17	18	19	20	21	22	23	24	MEAN
1 2	***	****	0000	***	0 * 0 0	0000	0000	0000	****	****	****	****	****	****	***	0 0 0 0	0000	****	0000	****	***	****	* * * *	****	****
3	0	0	0	0	0	0	0	0	0	1	i	1	i	2	2	3	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ó	0	Ŏ	Ó
8 9	0	0	0	0	0	Ŏ	Ö	ŏ	0	0	0	0	Ö	0	0	0	0	, , ŏ				ŏ	0	ŏ	0
10	***	***	****	0.000	****	****	****		* * * *	***	***	***	0 0 0 0	0000	0000			***	***	0	0	0	0	0	***
11 12	0	0	0	0	0	0	0		* * * *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	U	.0	U	U	1	.1	1	1			4000			MISS	ING -		0000	***	0 0 0 0	0000	0000				
1 4 1 5													DATA	MISS!	ING -										
16 17												-	DATA	MISS:	ING -										
18 19													DATA	MISSI MISSI	ING -										
20														MISS											
21												~		MISSI											
21 22 23 24 25												-		MISSI MISSI											
24 25	***		0 6 9 0	***	0000	0000		0000	1	1	1	1		MISSI 2		2	ä	1	4	1		4	4	4	
26	1	1	1	1	1	1	1 0	0 ***	0000	0000	0000	0 0 0 0		* 0 0 0	0000	1	j	o	ó	ó	ó	ó	Ó	ó	1
26 27 28 29	1	1	1	1	1	ő	Ö	ő	1	i	1	2 0	2	2	2	2	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	1 0	0	0	1	0	0	0	0	0	0	0	0	0	1 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	Ť	0	1	i.	ì	1	1	1	1	1	0	0	0	0	0	0	0
																								-	-

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION MONTH NOV STATION - KING/RECTORY LONDON FAIR NO 15001 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 0 0 0 00. 00.0110010 00.0110010 1 0 0 1 0 0 0100001210 0000110110 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 0000000111 0000000000 MEAN

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION																									
																TS PER	R HUND	REDMI	LLION						
	STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH															72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 1	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 0 1 0 1 0 0 0 1 0	201001001	2010010010	1 0 0 1 0 1 0	0 0 0 1 0 0 0 1 0	0 1 0 1 0 0 0	0 1 0 0 0 0 1 0	1 1 0 1 0 0 0 0 1 0	00010	0200001000	0200101000	0 1 0 1 0 1 1 0	1 1 0 1 0 0 1 0 0 1 0 0	1 0 0 0 1 0 0 1 0 0	0000000100	1000100100	1000000100	100000000000000000000000000000000000000	1 1 0 0 0 0 0 1 0 0	0100000100	0100000100	0100000100	010000000000000000000000000000000000000	0100000100	1100000100
11 12 13 14 15 16 17 18 19 20	0 1 1 1 1 1 2 0 0	0 1 1 2 1 1 1 2 0	0111121200	0 1 1 1 3 0 0	0 1 1 0 2 1 1 3 0 0	0 1 1 0 2 1 1 3 0	0 2 1 1 2 1 1 3 0	0 1 0 2 2 1 1 3 0 0	0201111300		2 1 2 1 2 2 0 0	1 2 1 2 2 0 0 0	12122000	1 2 1 2 1 2 2 0 0	1 2 1 1 1 2 2 2 0 0 0	2 1 0 1 1 1 3 0 0	3 1 0 1 1 1 2 0 0	3 1 0 1 1 1 2 0 0	4 1 1 1 1 2 0 0	1 1 2 1 1 2 0 0 0	1 1 2 1 1 1 1 0 0 0	0 1 1 1 1 1 1 1 0 0 0 0	0 1 1 0 0 0 0 0	1 1 1 1 1 1 0 0 0 0	1 1 1 1 1 1 0 0 0
21 22 23 24 25 26 27 28 29	0 0 0 1 1 0	0 0 0 1 1 0 0	0 0 0 1 1 0	0 0 0 1 1 0	0 0 1 1 0	0 0 0 1 1 0	0 0 0 1 1 0	0 0 0 1 1 0	0000	0 0 0 1 1 0	0 0 1 1 1 0	0 0 1 1 1 1 0 -	0 1 1 1 1 0 DATA DATA	0 1 1 1 1 0 MISSI	0 1 1 1 0 NG - NG -	1 1 0 1 0	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 0 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 0 0 1	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0	0 1 1 1 0 0 0	0 1 1 1 0	0 1 1 1 1 0
30	0	1	0	1	0	1	0	0	1	0	0	••••	0	0	ò	Ó	Ò	ò	Ó	Ó	Ó	Ó	ō	ō	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	1	1	1	0	1	1	1	1	0	1	1	10	1	1	1	1	1	1	1	1	0	0	0	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - KING/RECTORY LONDON FAIR NO 15001

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	1	2	4
FEB	29	1	5	10
MAR	31	Ť	2	5
APR	30	1	2	6
MAY	31	0	1	3
JUN	22	0	1	2
JUL	20	1	2	2
AUG	9	0.	0	1
SEP	21	1	3	6
OCT	19	0	1	3
NOV	30	0	2	4
DEC	29	1	1	4
YEAR	294	1	5	10
			₹	

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	AIR MANAG	EMENT BRANC	CH	
MONTHLY G	ROUP FREQU	ENCY CLASSIFI	CATION FOR	72					
POLLUTANT	- SULPHUR	DIOXIDE			UNIT -	PARTS PER	HUNDREDMILL:	ION	
STATION -	KING/RECT	ORY LONDON FA	IR N	IO 15001					
	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39 40	&OVER	TOTAL		
JAN	502	0	0	0	0	0	502		
FEB	647	12	0	0	0	0	659		
MAR	692	3	0	0	0	0	695		
APR	712	2	0	0	0	0	714		
MAY	709	0	0	0	0	0	709		
JUN	434	0	0	0	0	0	434		
JUL	418	0	0	0	0	0	418		
AUG	195	0	0	0	o	0	195		
SEP	432	5	0	0	0	0	437		
OCT	364	0	0	0	0	0	364		
NOV	701	0	0	0	0	0	701		
DEC	669	0	0	0	0	0	669		
YEAR	6475	22	0	0	0	0	6497		
FREQUENCY	DISTRIBUTI	ON BY PERCEN	TILES						
	PERCENT OF DATA VALID	MIN	10 30	FREQUE	CONCENTRATION NCY DISTRIBUTION 70 90	IS I, PERCENT 95		99 MAX	ARI ME
	73	0	0.1 0.	3 0.6	0.8 1.1	1.7	2.3	2.8 10	0

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH JUN DATA DATA DATA DATA DATA DATA 0 MISSING MISSING MISSING MISSING MISSING MISSING 0 1 1 0 1 1 0 1 1 0 ò ò 00* 0 0 0 0 0 DATA MISSING DATA MISSING DATA MISSING .00000000 *0000000 ...0 ...0 0 0 0 0 1 ...0 0 0 0 1 0 0 0 1

0 0

0 0

PERCENTAGE OF DATA VALID - 46

MEAN

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BHANCH																									
	POLLU	JTANT	- SULPI	HUR	DIOX	(IDE							U	NITS -	PAR	TS PE	R HUNE	REDMI	LLION	١						
	STATE	ION -	SIMCOE	но	RTICL	LTURA	AL STA	ATION	NO	1600	1		MC	HTMC	JUL	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
DAY 1 2 3	0	0	0 0 0	000	0	0	:::1		0	0	0	0	0	0	0	0	0	0	0			0	0		0	
4 5	0	0	0	0	0	0	0	••••		••••		••••	DATA	MISS					7777	****				_		
6				0					0			0	0	0	0	0	0	0	0	0	0	1	8	0	0	
8 9 10	000	0	000	000	0	0	0	0	0	Ŏ 0 0	1 0	0	0	0	1	1 1	1	1 1 1	1 1 2	1 1 2	0 1 2	0 1 2	0 0 2	0 0 2	0	
11 12 13 14 15 16 17 18 19	1 0 0 0 1 0 0 1 1	1 0 0 0 2 0 0 1	0000100000	1000100000	0000	000010000	000010000	100000000000000000000000000000000000000	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 1 1	1 0 0 1 0 1 1	011000111111111111111111111111111111111	1 1 1 1 1 1 1 2	1 2 2 1 1 2 1 1 2	1 2 2 1 1 1 2 1 1 2	1 2 1 1 1 2 2 1 2	1 2 1 1 1 2 2 1 1	1 2 1 2 2 1 1 2 2 1 1	1 2 1 1 2 2 1 2	2 3 1 2 1 1 2 2 1 2	2 2 0 2 1 1 2 2 1 1	1 2 0 2 1 1 2 2 1 2	1 1 0 2 0 1 2 1 1	1 0 2 0 1 2 1 0	1 0 1 1 1 1 1 1 1 1	
21 22 23 24 25 26 27 28 29 30	001000000000000000000000000000000000000	0 0 1 1 0 0 0 0 0 0 0 0	0010000000	0011000000	000000000000000000000000000000000000000	0010000000	0	000000000000000000000000000000000000000	0010000000	00110000000	0 0 1 1 0 0 0 0	0000	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	011000000000000000000000000000000000000	011000000000000000000000000000000000000	0	0	11100000000	0000	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	02100000000	021000000000000000000000000000000000000	011000000000000000000000000000000000000	011000000000000000000000000000000000000	
31	0	0	0	0	0	U	0	U	_	-					-	_		_	-	-	_	_	-		0	

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - SIMCOE HORTICULTURAL STATION MONTH AUG NO HOUR DAY 1 2 3 4 4 5 6 6 7 8 9 9 1 0 1 1 1 2 3 1 4 4 1 5 6 1 7 7 1 8 9 2 0 24 MEAN -000000000 0000 000 100 22 23 24 25 26 27 28 29 30 1 2 1 0 0 0 0 ó ó ó MEAN

 PERCENTAGE OF DATA VALID

						ONTA	RIO	MINI	STRY	OF	THE I	ENVIR	ONMEN	T - AIR	M	ANAGEN	MENT	BRANC	CH						
	POLI	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	PAR	TS PER	R HUND	DREDMI	LLION	J					
	STA	TION	- SIM	COE H	ORTIC	JLTURA	L ST	ATION	NO	160	01			ONTH SE		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12			15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 0	1 1 1 0 0 0 0	1 1 1 1 0 0 0 0 0 0 0 0 0	0	100000000000000000000000000000000000000	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1111000000	110000000000000000000000000000000000000	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000		0 1 1 0 0 0 0 0	0 1 1 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0	1 1 0 0 0 0 0	1 1 1 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0	1 1 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14	0	0	0	0	0	0	0	0	0	0	0	0	DATA	MISSIN MISSIN		0 0 0 0	****		****	****	0	0 * * * *	* * * *	****	****
15 16 17 18 19 20	**** 0 0 0 0	* * * * * 0 0 0 0	****	00000	0 0 0 0	****	**** 0 0 0 0	**** 0 0 0 0	**** 0 0 0 0	**** 0 0 0 0	****	0 0 0 0	000000	0 0 0 0 0	00000	000000	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	00000	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	****
21 223 24 225 226 227 229 230	****	****	****	****	****	****	****	****	**** 0 6 0	****	****	0000	DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING ****	G - G - G -	****	1 0 0 0	1 0 0 0 0 0	1 0 0 0	1 0 0 0	40000	0 0 0	00000	0000	****
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	POLL	UTANT	- SU	LPHUF	DIO	CIDE							UN	IITS -	PARTS	S PER	HUNDE	REDMI	LION						
	STAT	ION -	SIMO	OE HO	PATIC	JLTURA	L STA	MOITA	N	160	01		MC	ONTH O	CT :	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	000000000000000000000000000000000000000	000000000	0000000000	300000000000000000000000000000000000000	0 0 0 0 0 0 0 0 1	0000000		000000000000000000000000000000000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	3 0 5 0 4 0 4 1 4 2		00000	••••	0000		000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	000000000	0000000000
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 0	000000000000000000000000000000000000000	00000000	00000000	000000000000000000000000000000000000000	00000000	00000000	000000000000000000000000000000000000000	000010000	00000000		000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	00000000	00000000	00000000	0000000	00000000	00000000	00000000	000000000	000000000	000000000
31	••••	• • • •	••••	••••	• • • •	••••	••••	••••	••••	••••	••••	• • • •	0	0	1	1	1	1	1	1	1	1	1	1	• • • •
MEAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 93

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																								
	POLLU	JTANT	- SUL	PHUR	DIOX	IDE							U	NITS -	PART	IS PER	HUND	REDMI	LLION						
	STATI	ON -	SIMCO	DE HO	RTICU	LTURA	L STA	TION	N	1600	1		M	N HTMC	OV	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18 0	19	20	21	22	23	24 MEAI	N
1 2 3 4 5 6 7 8	0000	0000100	0 0 0 1 0 0	0000	0000100	10000100	0000100	0 0 0 1 0 0	0 0 0 1 0 0	0 0 0 1	0 0 0 0 1	000000000000000000000000000000000000000	1 0 0 0	10011000	0 0 1 1 0 0 0	0 1 1 1 0 0	1 1 0 0 0	0 0 1 1 0 0	0 0 1 1 0 0	00011000	0 1 0 0 0	0001000	0 0 0 0 0	0 0 1	0001000
9 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 12 13 14 15 16 17 18 19	0 0 0 0 0 1 1 1 1	0 0 0 0 1 1 1 1	0 0 0 0 0 0 0 1 1 1 1 1	0 0 0 0 0 1 1 1 1	0 0 0 0 1 1 1 1	0 0 0 0 1 1 1 1	0 00 00 1 1	0 0 0 0 1 1 1 1	0 0 0 0 1 1 1 1 1	0 0 0 0 1 1 1 1	0 0 0 0 0 1 1 1 1	0 0 0 0 0 1	DATA 0 0 0 0 0 0 0 0	MISSI 0 0 0 0 0	NG - 0 0 0 0 0 0 0 1 1 1 1 1 1	0 0 0 0 1 1 1 0	0 0 0 0 1 1 1 0	0 0 0 0 1 1 0	0 0 0 0 1 1 1 0	0 0 0 0 1 1 0	0 0 0 0 1 1 0 0	0 0 0 0 1 1 1 0	0 0 0 0 1 1 1 0	0 ****	0 • • 0 0 0 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 1 0 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000001	0000000101	000000101	0000001	0 0 0 0 0 0 0 1	0 0 0 0 0 0 1 0	00000001001	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000100	000000110	0000000110	0000000110	0 0 0 0 1 1 0	000000001111	0 0 0 0 0 1 1	0 0 0 0 1 0 1 0	000000000000000000000000000000000000000	0 0 0 0 1 0	0000000101
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UNITS - PARTS PER HUNDREDMILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH DEC HOUR DAY 24 MEAN 2 3 4 5 6 7 8 9 10 0 0 0 1 0 0 0 12 13 14 15 16 17 18 19 20 0 0 0 0 1 22 23 24 24 26 27 28 29 30 *00000000 0 * 0 ****

PERCENTAGE OF DATA VALID -

 MEAN

POLLUTANT - SULPHUR DIOXIDE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - SIMCOE HORTICULTURAL STATION NO 16001

PERCENT OF DATA VALID

83

MIN

0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24 - HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MIS	SING	
FEB		DATA MIS	SING	
MAR		DATA MISS	SING	
APR	- 12	DATA MISS	SING	
MAY		DATA MISS	SING	
JUN	21	0	2	3
JUL	30	0	1	3
AUG	31	0	2	3
SEP	23	0	1	6
ост	30	0	0	5
NOV	29	0	1	2
DEC	31	0	1	2
YEAR	195	0	2	6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA MISSING JAN FEB DATA MISSING DATA MISSING MAR APR DATA MISSING DATA MISSING MAY 0 JUN 337 0 0 0 337 JUL 661 0 0 0 0 0 661 AUG 738 0 0 0 0 0 738 1 0 0 0 0 502 SEP 501 0 696 OCT 695 1 0 0 0 0 0 663 NOV 663 DEC 713 0 0 0 0 0 713 2 0 0 4310 YEAR 4308 0 0 FREQUENCY DISTRIBUTION BY PERCENTILES

0.1 0.3 0.5 0.7 0.9

10 30

1.5

1.0

1.9

0.3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - DEAMUDE PORT MAITLAND NO 22011 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 12 13 14 15 16 17 18 19 20 2 0 1 Ò 22 23 24 25 26 27 28 29 30 2 DATA DATA 1 2 **** **** . 2 MISSING MISSING MEAN

PERCENTAGE OF DATA VALID -

						ONT	ARIO	MINIS	STRY	OF T	THE I	ENVIR	ONMEN.	T - A)	R MA	NAGEN	MENT	BRANC	CH						
	POLL	UTANT	r - su	JLPHUF	R DIO	(IDE							U	VITS -	PART	rs PEF	HUNE	REDMI	LLION	1					
	STAT	ION -	DEAM	NUDE F	PORT N	MAITL	AND		NO	2201	11		М	ONTH F	EB	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2	* * * *	* * * *	0	* * * *	0 ***	****	***	****	***	****	0000	***	****	* * * * *	***	****	2	2	* * * * 1	* * * * 1	****	****	****	****	* * * *
4 5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 7 8	0	0	0	6	6	1 0	0	0	0	0	0	1	2 0 0	0	2	1	0	0	0	0	0	1	2	1	1 0
9 10	2	4	4	5	3	2	2 7	2	2	2	2	2	2	2	2	2 2 2	2	2	2 2 2	2 2	1 2	2 2	2	2 2 2	2 3
11 12 13	2 3 5 2	2 3 4	2 6 4	2 8 4	11	1 1 4	19 4	15 4	1 8 4	16 5	12 4	12 3 2	10 2	2 7 2	4 7 2	5 8 1	12 8 1	10 6 2	5 5 2	2 5 2	3 4 3	2 3 4	2 4 3	2 4 2	3 9 3
15 16 17	4 0 0	5	3	20	3 2 0 2	2 0 3	220	2 3 0	2 2	1 0	1 0	2 0 0	1 0	2 0 0	1 1 0	0	4 0 ****	7 0 2	4 0 4	2 0 2	0 0	2 0 0	0 0	6 0 0	3 1 0
18 19 20	0 2 ****	1 3 0	1 1 0	0	0000	0	0 1 0	1 1 0	2 0 0	0	0 1 0	1 1 0	0 0	2 0 0 1	3 0 0 2	3 0 0 2	2 0 0 2	0 0 1	2 0 0	2 0 0	1 0 0	0 0 2 1	0 1 1	0 0 0	2 0 1
21 22 23 24	1	7	1	0	0	0 2	0 2	0 2	0	1	3	4	3	4 0	5 0	2	2	5 0	13	1	0	0	0	0	2
24 25	3 3	3	3	2	2	2	2	3	4 5	0 3 5	1 3 5	1 3 4	1 3 4	4	3	3 2 4	2 2 2	1 2 2	3 2 3	2 1 3	4 3 2	3 2 2	3 1 2	3 1 3	2 2 3
25 26 27 28 29	1 2 1	3 1 2 2	3 6 2 2	1 4 2 3	1 5 1 3	11 1 2	12 1 3	6 3 1	10 4 6 4	5 4 8 6	3 2 6	3 2 1 9	3 2 2 9	2 1 10	2 1 4	1 3 3	1 4 2 2	0 4 2 2	1 6 1 3	0 6 1	0 2 1 5	1 4 2 4	0 1 2 4	1 1 2 9	2 4 2
MEAN	1	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	4	- 1	4	2	2

	POLLU	JTANT	- SUL	PHUR	DIOXI	DE							UN:	ITS -	PART	S PER	HUNDI	REDMI	LION						
	STATI	ON -	DEAML	DE PO	RT MA	ITLAN	ID.		NO	2201	1		MON	NTH M	AR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	10 2 2 2 1 3 1 1 2	9162213112	6 1 2 2 2 1 2 1 1 2	6 1 1 2 1 1 2 1 1 2	8 1 2 1 1 2 1 1 2	4 1 1 1 1 2 1 1 2 2 1 1 2	3 1 2 1 1 2 1 1 1 1	3 1 2 1 2 1 1 1 1	3241211112	3 1 4 1 2 1 1 1 1 2	3132223112	3132322112	3 1 2 2 2 2 2 8 0 2 2	3122228022	2223238122	2224242132	2222221132	2223221142	222221142	2216221232	2119241222	2 1 1 4 2 4 1 1 2 2	2 1 4 1 1 2 1	2322141131	1 2 3 2 2 2 1 2 2
11 12 13 14 15 16 17 18 19	1 2 6 4 2 4 6 0 0 3	1334232002	2324232002	2 2 4 2 2 2 0 0 2	2 2 3 4 2 2 2 0 0 2	2224222112	4 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	622322212	322233222	4 2 2 2 2 4 2 1 2 1	6222342122	6322442122	4 3 2 2 4 3 2 1 2 10	5 3 2 2 2 2 3 2 1 4 2 2	5 2 2 3 3 3 1 4 28	4 2 3 3 8 3 2 0 8 4	4 2 2 2 6 3 2 0 7 4	4 2 2 2 4 3 2 0 3 2	3227231032	2 2 3 2 3 1 0 2 1	5 1 2 2 2 3 1 0 1	8222332012	2224332012	2336331022	4 2 2 3 6 3 2 1 2 4
21 22 23 24 25 26 27 28 29	3000220010	30000110010	4 0 0 1 0 0 0 2 0	4 0 0 1 0 0 1 4 0	3 0 0 0 0 0 1 5	4 0 0 0 1 0 0 1 4	2 1 0 0 0 0 0 0 4 8	2 0 0 0 0 0 0 0	3 1 0 0 0 0 0 0 5 2	100000000000000000000000000000000000000	4 0 0 0 0 0 2 0 1 6	3 0 0 0 0 0 0 0 6 1	000020243	3000020332	4 0 0 0 1 1 0 3 2	3 0 0 1 1 1 1 2 1 0	300021000200	3 0 0 1 1 0 0 2	2 0 1 1 0 0 1 1 0 2	1 1 1 0 0 2 1 0 0	1012002100	2 0 0 2 1 0 3 1 0	1 0 1 2 2 0 3 1 0 0	0 0 4 2 0 3 1	3 0 0 1 1 1 1 1 1 2 1
31	12	0	0	0	0	0	0	0	0	0	1	0	0	1	2	3	2	2	1	0	0	0	0	0	1
MEAN	2	2	2	4	2	1	2	2	2	2	2	2	2	3	34	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION																								
	POLLU	TANT	- SULP	HUR D	IOXI	DE							UN:	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	DEAMUD	E POR	T MA	ITLAND		1	NO 2	22011			MON	IA HT	PR	72									
HOUR DAY 1 2	1 1 0	2 0 4	3 0 9	4 0 8	5 0 0	6 0 0	7 0 0	0	9 0	10 1	11	12 6 3	13 2 10	14 2 10	15 0 7	16 0	17 0 0	18 1 0	19 5 0	20 0	21 0	22 0 0	23 0	24 M	MEAN 1 2
3 4 5 6 7 8 9	0000	00000004	0000000	00200001	0070000	0 0 7 0 0 0	0 1 8 0 0 0 0	1 2 0 0 0	0000000	00000001	13 0 0 1 0 0 1	24 0 0 1 0 1 0 2	12 0 0 1 0 2 4 2	20 0 0 0 2 5 8	20 0 0 0 0 0	14 1 0 0 0 0 0	12 1 0 0 0 0 0 0 0 2	45 1 8 0 0 0 4	8 0 8 0 0 0	10000000	0000000	000000000000000000000000000000000000000	00003060	20013022	7 0 2 0 0 0 1 2
11 12 13 14 15 16 17 18 19 20	2 1 0 0 0 1 0 1 3 0	1 0 0 0 1 0 0 2	1 1 0 0 0 0 0 0 0 0 1 0	200000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000000000000000000000000000000000000	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 2 0 8	211001100000000000000000000000000000000	1002030	2 0 0 1 0 1 31 11 0	4 3 0 0 1 1 0 13 12	129000000000000000000000000000000000000	23 8 0 1 0 0 4 2 1	128 01 00 4 53 1	14 6 1 1 0 15 3 1	12 3 0 2 1 0 2 2 5 3 2	3 2 0 1 2 0 2 0 5 1 2	2101101912	1 1 0 0 1 0 1 2 1 2	1200200211	1 3 0 0 3 0 0 25	1 2 0 0 5 0 0 2 3 0	1 0 0 1 0 16 0 2	4 2 0 0 1 0 3 6 3 1
21 22 23 24 25 26 27 28 29 30	1 0 1 1 2 0 0 0	1 0 1 1 1 0 0 0	1 0 1 1 1 0 0 0	1 0 5 2 3 0 0 0 1	1 0 5 2 4 0 0 1 0 0	20112300100	1012200000	2 0 1 2 1 0 1 0 1	200111111111111111111111111111111111111	2011161222	4 1 4 2 1 2 1 2 1 2 1	3 1 6 3 1 2 1 1 4 21	3 1 18 11 9 1 2 4 23	3 0 10 9 4 5 1 2 4 17	3 0 12 3 2 2 2 4 4 6	3 0 15 1 0 2 4 3 7	2006202456	20 13 11 50 24 43	3 0 6 17 1 2 2 4 4 2	3123022262	2122020031	1 1 2 4 0 5 0 0 3 1	1126020011	0 1 1 3 0 0 0 0 0	2054221224
MEAN	1	1	1	1	1	1	1	1	1	1	3	4	5	5	4	4	4	5	3	1	1	2	2	1	2

UNITS - PARTS PER HUNDREDMILLION

	8 70.70	E 20 E 20											-			10 121	11014	JI IL DINI	LLION	•						
	STAT	TION	- DEA	MUDE F	PORT N	MAITLA	AND		N	2201	1		М	ONTH MA	Υ	72										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 2 12 0 0 0 0 0 0	0 2 15 0 0 0 0 0 0	0280000000	1 3 2 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0	1 2 0 0 0 0 0 0	1 3 0 0 0 0 0	1 6 0 0 1 0 0 0 0	2 19 0 0 1 2 1 0	1 28 0 0 1 2 0 0	4 14 3 0 1 1 2 0 0 ****	20	4 13 0 5 1 0 0 0	3 12 0 0 2 4 0 0 0	7 2 0 0 0 0 0	6 2 0 2 0 0 0 0 1 4	4 4 0 0 0 0 0 0 1 2	3 2 4 0 0 0 0 0 1 2	2 2 14 0 0 0 0 0 0	2 1 6 0 0 1 0 0	2 1 2 0 0 0 0 0	2 1 0 0 0 0 0 0	200000000000000000000000000000000000000	3 6 3 0 0 0 0 0	
11 12 13 14 15 16 17 18 19	0 0 0 0	0 1 0	0 1 0	****	0 0 0	****	1 1 0	0 2 0 ****	0 4 0	0 1 2	0 0 3	0 3 4 - - **** 6	4 11 DATA DATA DATA 28 6 DATA	0 7 10 MISSIN MISSIN MISSIN 8 4 MISSIN MISSIN	G - G - 2 G -	0 7 ****	12 5	2 3 **** 13 2	2 2 **** 7 3	1 2 **** 4 8	4		000000000000000000000000000000000000000	1	0 2 ****	
21 22 23 24 25 26 27 28 29 30	****	****	****	****	» * * ° 0	****	****	****	» « » O	* * * * 1	****		DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G	4 1	15 1	5 0	3 1	3 0	3 1	6 0	15 0	20	****	
31	0	0	0	1	0	0	0	0	0	0	0	3	10	0	0	0	0	0	0	0	0	0	0	0	1	
MEAN	4	4	4	0	0	0	0	^	4	0	2	2	6	2							-	- 2	9			

PERCENTAGE OF DATA VALID - 52

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINI	STRY	OF	THE E	ENVIR	ONMEN	T - AI	R MA	NAGEM	ENT 9	BRANCH	+						
	POLI	UTANT	- SL	JLPHUR	DIO	KIDE							U	NITS -	PART	S PER	HUND	REDMIL	LION						
	STA	TION -	DEAN	MUDE P	ORT N	MAITL.	AND		N	0 220	11		M	ONTH J	UN	72									
HOUR	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0	0	0	0	0	0 3	0 4	0 2	0 2	0 4	0 4	02	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG -	0 21	0 28	22	0	0	0	0	0	0	5
11 12 13 14 15 16 17 18 19	* * * * * * * * * * * * * * * * * * *	* * * * * 1 2 0 0 0 0 0 0 0 2	* * * * * 1 2 0 0 0 0 0	* * * * * 1 2 0 0 0 0	***** 1 3 0 0 0 0	* * * * * 1 2 0 0 0 0	**** 0 2 0 0 0 0	**** 0 2 0 0 0 0 2 1	**** 1 2 0 0 1 2 1	**** 1 6 0 0 1 3	**** 1 12 0 0 0 4 1		DATA DATA * * * * * * 3 1 8 0 1 4 1	MISSI ***** 3 2 6 1 2 6	NG - NG - **** 16 0 1 0 2 13	1 7 1 3 0 2 7	1 2 2 6 1 1 1 1 1	1 2 3 2 1 1 1 3 0	1 1 3 2 0 1 5 0	11050150	1 0 0 4 0 1 6 0	1 1 0 0 0 1 6 0	1 1 0 0 0 1 4 0	1 2 2 0 0 1 3 0	**** 2 2 2 0 1 4
21 223 24 25 267 289 30	0 0 0 0 0 1 2 0	0000000201	000000001	000000000000000000000000000000000000000	0000000001	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00002002	0 0 0 0 0 2 15 1	**** 0 0 0 0 11 8 0 0 2	00002360002	0 0 0 0 1 10 2 0 2	700000000000000000000000000000000000000	100000000000000000000000000000000000000	0000052201	0000020201	300000000000000000000000000000000000000	1 0 0 0 0 1 0 1 0 1	0 0 0 0 0 20 0 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 4 0 1	0000081200	0 0 0 0 1 3 1 0 0	1 0 0 0 4 2 2 0 1
MEAN	1	0	0	0	0	0	1	1	2	2	2	2	2	2	4	2	3	2	2	4	1	4	1	-	4

	POLI	UTANT	- 81	II DIJI ID	DIOY	TOE				-, .	-	, , , , , , , ,	UN	TS.	PART	S PER	HUNDI	REDMI	LTON						
											1.4						HONO	ILDM1							
	STAT	TION -	DEAM	IUDE P	ORT N	AITLA	ND		NO	2201				IL HTM		72									
HOUR DAY 1	1	2	3	4	5 1	6 3	7	8	9	10 6	11	12 8	13 9	1.4 50	15 29	16	17	18 2	19 5	20 2	21	22 2	23 2	24 6	MEAN 6
2 3 4 5 6 7 8	16 2 1 0 0	6 2 2 0 1 0	45 05 00 00 00 02	20311000	2 0 1 1 0 0	20 0 1 1 0 0	15 0 2 0 0 0	320300225	2 0 2 0 1 14 7	2 0 2 0 2 13 3 5	4 0 3 0 •••• 4 10	20 0 7 1 ••••	6 0 2 1 **** 11 2 7	4 0 2 1 13 10 7 8	6 0 2 0 5 4 11 7	3 0 3 1 6 10 4 5	3 1 2 0 7 12 4	4 2 2 0 1 8 8 2	3 10 0 0 2 2 2	3 1 2 0 0 0 2 4	3 1 0 0 0 2 3	2 1 0 0 2 2	1 1000022	1 0 0 0 0 1 3	7 1 2 0 2 4 3
10	2	14	4	13	6	14	5	5	ě	6	8	17	13	21	15	8	9	5 12	5	13	1 6 2	5	4	3 o	9
11 12 13 14 15 16 17 18 19	30210000	307 132001 32	3 0 6 3 0 0 1 2 2	3003500322	3 0 1 2 4 3 0 5 2 2	3 0 3 1 6 3 3 0 6 2 2	3129350643	6 4 5 3 2 2 3 6 14 6	16 33 13 5 2 10 15 6 9	14 30 15 20 18 26 8	19 30 21 10 7 7 17 5 6	8 20 4 2 12 14 12 18 5 20	11 23 3 1 25 6 14 7	12 10 2 4 3 14 4 7	23 60 22 7 62 62 6	702202566	14 0 12 4 0 4 4 0 7	129 0 5 0 0 3 5 26 7	9 4 2 2 6 0 0 2 4 7 8	15 2 0 0 4 4 9	100449	4 0 6 10 2 3 8	1006600437	3 1 0 0 0 3 3 5	9 4 8 3 4 3 5 7
21 22 23 25 26 27 28 29 30	6 23 10 10 2 **** 6 7 4 8	28 10 10 10 8 6 4 7	21 9 9 0 •••• 4 4 8	3 10 9 9 9 0 4 2 4 7	2 11 9 8 0 •••• 4 2 4 7	10 8 7 0 5 2 6 7	39 88 70 44 79	3 7 8 8 0 5 6 9	3 7 9 8 0 5 7 11	3 8 8 8 0 7 8 8 12	3 8 6 8 0 7 7 9 8	4868075487	3768084296	3768113295	3 6 6 7 1 1 3 3 10 5	3566103586	3 5 6 1 0 2 5 7 5	3546102464	4 7 5 8 2 0 3 4 6 5	7 10 7 10 3 0 4 5 8 6	7 14 7 10 •••• 0 4 5 7 6	14 16 9 9 •••• 0 4 4 7 6	18 17 10 5 •••• 2 4 4 7 6	18 16 10 3 2 5 4 6	5 11 8 8 1 4 4 7
31 MEAN	8	10	10	10	8	8 5	10	14	15 7	15 8	15 9	15	14 7	14	14	13	10 5	9 5	10 5	11	14	15 4	17	20	12 5
	-17							-		_	-	-		_			-	_		-					

PERCENTAGE OF DATA VALID - 97

	POLLU	JTANT	- SUL	PHUR		ONTAR	RIO	MINIST	TRY (OF TH	HE E	NVIR		r - AIR NITS - P.	MANA ARTS			BRANC REDMI		ſ					
	STATE	ON -	DEAM	JDE PO	ORT MA	ITLAN	ND.		NO	22011	1		MC	NTH AUG	72	2									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13			16	17	18	19	20	21	22	23	24 1	
1 2 3 4	18 10 15	20 10 13	20 10 12 5	20 11 12	20 12 12	20 12 11	19 11 10	18 12 10	17 12 10	16 13 9	17 14 9	16 15 9	15 14 10	14 10	14 13 11	10 17 10	11 16 11	11 15 9	10 11 7	10 12 7	10 12 6	10 14 6	10 16 5	11 14 5	15 13 10
5 6 7 8 9	•	5	5	*		•	•		5	5	5 3. 7	*	DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING	•		- 2000								
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	*										
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	* * * * * * * * * * * * * * * * * * * *										
31												-	DATA	MISSING											
MEAN	12	12	12	12	12	12	11	11	11	11	11	13	13	13	13	12	13	12	9	10	9	10	10	10	11

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	TION	- DEA	MUDE	PORT	MAITL	AND		N	0 220	11		М	ONTH	SEP	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9													DATA DATA DATA DATA DATA DATA DATA DATA	MISS	ING - ING - ING - ING - ING - ING - ING -										
11 12 13 14 15 16 17 18 19												8. 8. 8. 8.	DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -										
21 22 23 24 25 26 27 28 29 30	* * * * * * * * * 6 0	**** **** 6 0	**** *** 7 0	****	****	**** 90	****	****	****	****	****	# # #	DATA DATA DATA DATA	MISS MISS MISS MISS MISS ****	ING - ING - ING - ING -	**** 2 12 ****	2 0 10 ***	1 0 9	0 0 9	0 0 8 8 * * * *	0 0 5 * * * *	****	* * * * 4 0 * * * *	* * * * 4 0 * * * *	**** 9 ****
MEAN	3	3	4	4	4	5	5	5	6	6	7	5	8	15	7	7	4	3	3	3	2	2	2	2	4

PERCENTAGE OF DATA VALID - 7

	5011	1 177 4 4 17	_							0.		C(4) 2.13				MINAULI		DITAIN							
	POLI	UIAN	- 8	ULPHU	H DIO	XIDE							U	NITS -	PAR	TS PER	NUNE	DREDMI	ILLION	4					
	STAT	ION -	DEA	MUDE	PORT	MAITL	AND		NO	220	11		M	ONTH OC	T	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	****	****	****	****	***	****	****	****	****	****	****	5	DATA 6	MISSIN	NG -	3	3	2	1	1	0	0	0	0	***
3	***	****	0 0 0 0	***	****	***	****	***	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****
5 6 7	0 1 2	1 2	1 1	1	2 1	1 2 1	1 2 1	2 2 1	2 3 1	2 2 1	2 3 1	2 4 1	3	2 3 0	2 4 0	2 4 0	1 4 0	2 4 0	1 4 0	1 3 0	1 3 0	1 3 0	1 3 0	3	1 3 1
8 9 10	0	0	0	000	0.0	0	2 0 0	2 0 1	2 0 2	3 0 2	202	1 0 1	0	0 0 1	0	0 0 1	0 0 1	0 0 1	0 0 2	0 0 0 1	0 0 1	0	0 0 1	0 0 1	1 0 1
11 12 13 14 15 16 17 18 19 20	***	****	****	****	****	***	****	****	****	1 0	1 0	2	DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN 2	IG - IG - IG - IG - IG -	1 2	0 2	0	0 0	0	0	0	0	0	****
21 22 23 24 25 26 27 29 20 20 20 20 20 20 20 20 20 20 20 20 20	10220021	1 1 2 2 0 0 2 1	1 1 2 2 0 0 2 1	2220021	1 2 2 1 0 0 2 1	0 2 2 1 0 1 2 1	1 2 3 1 0 0 2 1	2 2 3 1 0 1 1 1 1	1 2 2 1 0 1 2 1	0 2 2 1 **** 0 3	1 2 2 1 **** 0 4 1	0 2 4 1 ***** 0 4 *****	0 2 4 0 0 0 0 0 4 **** DATA	0 2 4 0 0 2 4 **** ** MISSIN MISSIN	1 2 5 1 0 1 2 * * * * IG -	2 1 6 2 0 2 2 2 ****	0151015	0242004***	0 2 4 1 0 0 0 2	0 2 4 0 0 0 0 1	0 2 3 0 0 0	0 2 2 0 0 0 0 1	0 1 2 0 0 0 0 1	0 2 1 0 0 1 1	1 2 3 1 0 0 2
31	****	0 * 0 *	* * * *	推察股份	0000	0000	* * *	***	0000	***	***	0000	***	****	***	***	0	0	0	0	1	1	1	1	
MEAN	1	1	1	1	1	1	1	7	1	į,	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - DEAMUDE PORT MAITLAND NO 22011 MONTH NOV 24 MEAN 0 0 0 0 2 02214200* 4

PERCENTAGE OF DATA VALID -

MEAN

						ONTA	RIO	MINIS	TRY	OF 1	HE E	NVIR	NMEN	T - A	IR M	ANAGEN	MENT	BRANCI	4						
	POLL	UTANT	- SU	ILPHUR	DIOX	IDE							U	NITS	- PAR	TS PEF	R HUND	REDMI	LLION						
	STAT	ION -	DEAM	IUDE P	ORT N	AITLA	ND		NO	2201	1		M	ONTH	DEC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	WEAN
DAY 1 2 3 4 5 6 7 8 9	3 0 4 0 0 1 0 0	4 0 2 0 1 1 0 0 1 0	000000000000000000000000000000000000000	5000000021	400000000000000000000000000000000000000	500000010	0 1 0 0 0 0 1 0	402000000000000000000000000000000000000	5020000010	501000000000000000000000000000000000000	600000000000000000000000000000000000000	6200002011	0000	22000	2310011	3 1 0 1 0 0 0 0	0120000000	0010200001	001000000000000000000000000000000000000	0 1 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0	040000000	000000010	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0 0 0 1 0 5 0	0000100410	000000000000000000000000000000000000000	0 0 0 1 0 0 0	0000110001100	0000000000	020000000	020000000	0200000100	020000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	00000	0 2 0 0 0 0	0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 3	000000000000000000000000000000000000000	0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 1 0 0 1	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 1 0 0 0 0 0 1
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	00000401	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000		500000000000000000000000000000000000000	3 0 0 0 1 	000111000000000000000000000000000000000	00011110000	0 1 1 1 1 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 1 1 5 0 0 3	0 0 1 2 1 4 0 0	0 0 0 0 2 1 1 0 0 1	0000001000	0 0 1 0 0 2 0 0	1 0 0 1 0 0 2 0 0	1 0 0 1 1 0 2 0 0	1 0 2 1 0 2 0 0 0	0 0 0 2 1 1 2 0 0	0 0 0 1 2 1 2 0 0	1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
31	0	0	0	1	0	0	1	2	3	3	3	5	6	6	4	3	4	5	4	2	2	1	0	0	2
MEAN	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	4	0	0	0	0	0	0	0	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - DEAMUDE PORT MAITLAND NO 22011

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	1	3	8
FEB	29	2	9	19
MAR	31	2	6	38
APR	30	2	7	45
MAY	18	2	6	28
JUN	20	1	5	28
JUL	31	5	12	50
AUG	4	11	15	20
SEP	4	4	9	16
OCT	20	1	3	7
NOV	29	1	2	7
DEC	31	1	3	6
YEAR	276	2	15	50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - DEAMUDE PORT MAITLAND NO 22011 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN 0 0 FEB MAR APR 4.7 MAY JUN JUL AUG SEP OCT NOV DEC YEAR

> CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 VALID

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA

MIN 10 30 50 70 90 0 0.2 0.5 0.8 1.5 4.8 8.4 13.7 17.7 2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - REEVES HOUSE PORT MAITLAND NO 22012 MONTH JAN 24 MEAN 1 0 1 1 2 1 1 1 2 1 2 0 0 1 6 2 2 0 0 1 1 0 0 5 1 0 0 0 0 37 1 1 3 7 6 1 0 22 1 4 0 5 1 0 1 32 2 2 1 1 6 1 0 0 0 0 2 3 0 0 5 0 1 0 0 9 1 1 8 7 1 0 0 1 0 0 2 6 2 1 0 32 0 1 4 0 4 4 0 1 20 1 0 1 2 0 4 2 0 0 0 1 2 0 1 4 0 0 1 0 0 4 6 1 0 6 4 0 0 12 0 1 2 7 6 1 1 1 0 2 0 12 0 3 3 23 1 0 0 20 1 1 0 2 5 4 1 7 6 3 1 1 8 1 0 2 3 1 4 0 2 0 2 9 2 1 4 0 2 0 2 2 8 2 0 1 3 0 6 1 6 1 1 2 2 1 0 2 2 0 2 5 3 0 02 22 16 02 38 0 2 2 3 9 0 68 2 68 2 6 1 0 1 2 0 1 21 2 41 0 0 1 12 1 0 13 12 0 0 1 26 1 14 4 8 0 0 0 1 9 1 1 2 4 0 3 3 0 1 0 1 1 1 0 15 0 8 10 4 2 1 0 1 1 1 1 4 10 1 3 3 20 4 10 4 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTA	OIF	MINIS'	TRY	OF TI	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANCH	1						
	POLL	JTANT	- SUL	PHUR	DIOXI	DE							UN	ITS -	PART	S PER	HUND	REDMI	LION						
	STAT	ION -	REEVE	S HOU	JSE PO	RT M	AITLAN	ND	NO	2201	2		MO	NTH F	EB	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
DAY 1 2 3 4 5 6 7 8 9	4 6 1 4 0 1 1 0 1 3	8 4 2 16 0 2 1 17 18 0	4 5 2 2 4 0 2 5 18 13	4 6 1 2 0 2 6 32 2 0	2 6 1 1 0 2 3 10 16 2	3 5 1 1 0 1 5 1 4 4	3 4 1 1 0 1 2 3 1 5	3 4 1 0 0 0 1 1 12 11	10 4 1 0 0 2 2 2 16 19	20 6 1 0 2 8 2 26 23	10 6 1 0 2 26 1 32 21	3 5 1 0 0 2 2 8 0 0	1 0 0 2 44 1 0 0	2 **** 1 0 4 28 1 0	3 3 1 0 0 4 26 1 7	2 3 1 2 2 3 10 1 13 0	2 3 1 0 2 4 7 1 9	2 2 1 0 5 4 1 1 12 4 0	2 2 1 1 1 4 0 38 0	2 2 1 1 1 2 0 36 7	2 1 0 0 0 2 0 4 4 8 0	2 1 1 0 2 1 2 36 14 2	4 2 2 0 2 2 0 2 2 0 2 4 4	6 1 2 0 1 2 0 13 5 5	4 4 1 2 1 2 9 13 10 4
11 12 13 14 15 16 17 18 19	6 0 2 0 4 2 7 0 0 0	7 1 0 4 54 0 0 0	18 3 1 1 3 4 0 0 0	0 6 1 5 3 0 1 0 0	5 9 1 6 2 0 2 0 7 1	5 10 1 13 2 4 3 0 2	0 10 1 47 2 8 4 0 0	2 10 1 55 2 0 4 0 0 2	4 9 2 6 2 15 3 0 0 4	6 8 3 0 1 27 2 1 0 3	1 8 3 0 1 21 2 2 0 0	0 8 1 0 1 22 1 1 0 2	0 5 0 0 1 0 5 1 0 0 0 1	1 4 0 0 26 0 1 0 1 3	2 3 0 0 16 1 0 0 0 10	20 00 00 14	2 3 0 47 0 0 0 1 25	2 0 0 27 0 0 0 0 0 0	1 4 1 0 36 0 0 0 1 15	1 3 2 0 46 0 0 0	1 2 2 0 44 0 0 0	1 3 0 30 0 0 0 4 17	0 1 2 1 12 0 0 0 2 8	0 2 0 4 8 0 0 3 1	3 5 1 6 1 1 8 1 0 1 6
21 22 23 24 25 26 27 28 29	0 7 2 3 4 3 1 0	0 30 7 4 3 4 2	0 46 3 5 5 4 0 3 2	0 12 1 4 4 4 0 1 3	0 3 2 3 3 3 1 1 8	012244328	0 2 1 3 4 2 4 1	0 3 1 4 4 2 4 1 8	0 2 1 6 2 3 3 1	2 0 1 3 3 5 3 1	3 0 1 4 5 5 3 2	4 0 1 3 6 7 3 2 1	4 0 1 3 5 4 3 1 2	3 2 2 4 4 3 2 2 3	282244223	1 13 2 2 3 16 2 1	2 14 2 2 3 6 2 1 3	1 3 **** 2 4 6 2 2 3	0 4 5 2 4 20 2 1	0 3 1 2 3 31 3 1 3	0 2 1 2 3 1 4 1 3	0 3 1 2 4 1 4	14 2 2 3 4 1 3 1 6	4 1 3 4 3 1 2 1 5	2 7 2 3 4 6 2 1
MEAN	3	7	6	4	3	3	4	5	4	5	6	4	3	4	4	4	5	4	5	5	4	5	4	3	4

UNITS - PARTS PER HUNDREDMILLION

STATION - REEVES HOUSE PORT MAITLAND NO 22012 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 574220* 232331* 222505* 333323** 9 2 1 11 11 2 4 2 1 5 1 12 13 14 15 16 17 18 19 20 2 4 2 1 2 1 4 1 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 1 2 2 1 4 4 10 6 2 21 522 1 111923 4 4 1 3 2 4 4 2 4 14 3 22 23 24 25 26 27 28 29 30 2 0 ** 2 1 0 2 4 40 1 420* 3 0 2 0 1 0 3 0 0 0 1 0 1 0 3 0 2 5 0 1 0 0 1 33 3 0 27 0 2 0 0 1 6 1 0 25 0 3 0 0 0 3 1 0 24 0 1 0 0 13 2 0 15 0 1 0 0 1 21 2 3 21 0 0 0 10 2 6 41 0 0 0 0 1 3 1 22 2 0 0 1 1 5 2 3 6 3 1 0 0 1 4 2 2 1 8 6 1 2 0 1 5 3 3 4 2 3 0 0 0 2 13 4 30 3 4 0 4 16 1 4 0 0 5 0 1 0 0 MEAN

PERCENTAGE OF DATA VALID -

 POLLUTANT - SULPHUR DIOXIDE

						ONTA	RIO	MINIS	TRY	OF T	HE E	ENVIR	NMENT	- AII	R MAI	NAGEM	ENT I	BRANCE	4						
	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUNDI	REDMI	LLION						
	STATI	ON -	REEVE	s Hou	ISE PO	ORT M	AITLA	ND	NO	2201	2		MON	TH A	PR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	0000002270	0000001030	0 0 0 0 0 0 0 0 0	0010020031	0 0 0 1 0 0 4 1	0 0 2 1 0 0 0 8 2	0 0 1 0 0 0 0 4 2	0 0 13 1 0 0 0 16 12	0 0 7 1 31 0 0 32 8	0 1 0 2 37 2 0 1 16 2	0 0 0 34 0 0 1	1 0 0 8 **** 1 0 1 0 2	5 1 0 18 **** 1 0 3 0 2	0 0 18 30 0 20 1	0 0 0 26 26 0 0 0 1	0 0 19 14 0 0 2 0	30 100202	0 0 0 13 0 0 0 2 0	0 0 1 0 0 0 2 1	0 0 0 1 0 0 0 4 1 0	000000000000000000000000000000000000000	0000000310	0020012200	0020044600	0 0 1 6 8 1 0 2 4 2
11 12 13 14 15 16 17 18 19 20	1 2 7 2 1 1 1 4	1222212120	1 2 2 2 2 1 2 1 1	2211213110	3 2 2 1 2 1 6 1 2 0	1 1 2 3 2 4 1 2 0	4 1 1 3 2 2 2 1 2 0	2 2 1 3 2 2 1 1 2 0	2 2 1 2 6 3 1 1 2 0	2 2 1 1 3 4 1 2 2 0	2 * * * * 1 1 8 4 3 3 3 0	3 **** 1 1 5 3 1 **** 2 0	3 5 1 2 3 2 1 3 2 0	3413221320	3 3 1 3 4 2 1 3 2 0	3 10 3 4 2 1 2 3 1	3 34 3 3 1 1 2 15	2 3 3 3 4 1 2 2 4 1	2332322211	1261212212	6 4 12 1 2 1 1 1 1 4	4 4 5 2 2 1 1 1 1 2	2 7 2 3 1 1 3 1	1262211411	2352322221
21 22 23 24 25 26 27 28 29 30	1 1 0 3 2 0 1 0 3 2	1 1 1 3 0 1 0 1 1	4 1 0 1 4 1 0 0 3 1	1 1 1 3 4 0 0 3 1	1 1 1 2 6 0 0 2 0	1 2 1 1 2 1 1 0 0 0 1	1 2 1 1 1 17 0 1 0	2112190911	2112120021	3 1 1 1 1 0 0 2 2	3121000032	3 0 2 1 0 0 0 3 2	211333010331	2 1 1 2 2 0 1 0 3 2	2111101030	2 1 1 1 0 0 1 0 3 6	2 1 1 1 2 0 0 3 5	2 1 2 1 1 2 0 0 2 3	2 1 2 3 1 3 0 0 2 2	3 1 1 4 1 2 0 0 2	20220011	2 0 2 1 0 6 0 0	1 0 2 1 0 2 0 0	2 1 6 1 1 1 0 0 2 0	2 1 1 2 1 3 0 0 2 2
MEAN	2	1	1	1	1	2	2	3	4	3	3	2	2	3	3	3	4	2	2	1	2	1	1	2	2

	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UN	NITS -	PART	S PER	HUNC	DREDMI	LLION						
	STATI	ON -	REEVE	S HO	USE P	PORT	MAITLA	AND	NO	2201	2		MC	NTH MA	Y	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	1 1 0 0 0 1 1 0 0 0 0	1 1 0 0 1 0 1 2 0 0	2 1 0 0 1 1 0 0 0	2 1 0 0 0 1 1 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100000101	1 1 0 0 1 0 0 1 0 2	1 2 0 1 0 0 0 0 0 0 0 0 0 0	2 0 0 3 1 0 1	210004212	220012202	2 1 0 1 1 1 2 1 0 2	3 0 0 1 1 1 0 3	2 1 0 0 2 1 1 1 0 3	2101110112	5 2 1 1 1 1 1 0 1 2	3 2 1 1 0 1 1 0 1 2	3 2 1 1 0 1 1 0 1 2	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 8 1 0 0 2	1 0 1 1 14 1 0 0 2	0 7 0 1 1 9 2 0 0 2	100011211002	10001121002	2 1 0 0 1 2 1 1 0 2
11 12 13 14 15 16 17 18 19	2 2 0 2 1 1 0 5 0 2	2 3 0 2 1 1 0 0 2	22011114701	2 2 0 1 2 1 2 1 0 0	2 1 1 2 1 1 0 0	2 1 1 1 2 1 1 0 0	3 1 1 2 2 1 2 0 0	2 3 1 2 2 1 2 0 0	2412222001	2 2 3 2 2 2 2 0 0	2 1 3 2 3 2 10 0 0 2	2 1 4 3 2 1 0 0 1 2	2 1 4 3 2 1 2 0 1 2	2 1 4 3 2 1 1 0 1 2	2 1 4 3 2 1 0 0 1 2	4 1 4 2 2 1 1 0 2 2	4 1 4 2 2 1 0 0 2 2	2 1 4 3 2 10 0 0 2 2	2142230022	2132220222	2 1 3 3 1 0 0 2 1 1	1 1 2 2 1 0 0 0 1 2	2122100013	2122100020	2222211111
21 22 23 24 226 228 228 230	0 1 1 1 3 5 2	0 0 1 0 2 4 2	0 0 0 0 3 3 2 1	0 0 0 0 3 2 2	0 0 1 0 2 1 1	0 1 4 1 2 1 1	0 0 4 2 3 2 2	0002444221	0 0 1 2 4 3 3 2	0 1 1 3 4 4 4 4 4 4 4 2 2	0 2 2 7 4 4	0 2 3 6 5 4	0	1 4 4 4 4 5 MISSIN	5	2 4 6 6 4 	2 4 6 6 4 4	2 4 4 6 3 5	3444553355	2 3 6 3 2 4	3 2 4 3 2 3	6 2 2 3 2 2 	2 2 2 3 4 2	1 1 4 6 2	1 2 3 3 3 3
31												•	DATA	MISSI	NG -					200	10000				

PERCENTAGE OF DATA VALID - 87

						ONTAI	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMEN	T - AIR	MAN	NAGEME	NT B	RANCH							
	POLL	UTANT	- SUI	LPHUR	DIOX	IDE							U	NITS - F	PARTS	PER	HUNDR	EDMILI	LION						
	STAT	ION -	REEVI	ES HOL	JSE PO	ORT M	AITLA	ND	NO	2201	2		MC	JUL HTMC	_ 7	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	14 MISSING		16	17	18	19	20	21	22	23	24 ME	EAN
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	3										
21 22 23 24 25 26 27 28 29 30	•••• 3 2	•••• 3 2	3 2	•••• 2 2	**** 3 2	 3 2	•••• 3 3	**** 5 3	•••• 4 2	**** 3 2	**** 4 2	-	DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN 4 4	G - G - G - G -	2 4 4	2 4 3	2 4 3	2 4 3	2 4 3	3 4 3	4 3 3	4 3 3	3 ***	••• 4 3
31	3	3	2	2	2	2	2	4	5	4	5	5	5	5	6	6	5	5	5	5	5	5	5	4	4
MEAN	3	3	2	2	2	2	3	4	4	3	4	4	4	4	5	4	4	4	4	4	4	4	4	3	3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - REEVES HOUSE PORT MAITLAND NO 22012 MONTH AUG 6 7 9 10 14 15 12 13 24 MEAN 5 4 4 9 **** 4 5 DATA MISSING
4 4
3 3
4 5
3 3
4 5
3 3
4 4
3 4
4 4
3 4 4 4 3 3 2 3 4 4 4 3 3 3 3 4 -000 -000 DATA MISSING DATA MISSING MEAN

PERCENTAGE OF DATA VALID - 82

						ONT	ARIO	MINIS	STRY	OF	THE E	ENVIRO	NMENT	- AI	R MA	NAGEMI	ENT E	BRANCH	4						
	POLL	UTANT	- SU	JLPHUF	DIO	(IDE							UN	ITS -	PART	S PER	HUNDE	REDMI	LION						
	STAT	ION -	REE	ES HO	USE F	PORT I	MAITLA	AND	N	0 220	12		MO	NTH S	EP	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 2 1 2 0 0 1 0 1	0 1 2 1 1 0 0 0	0 1 2 1 1 0 0 0	0 1 2 1 1 6 0 0 0 0	0 0 1 1 3 0 0 0 0	000001110000	0000007000	0 0 0 2 0 2 5 1 1	1 1 1 2 7 4 4 1 0	3 5 1 2 0 14 6 1	3 6 1 1 0 2 4 1 1 2	2211012100	2 2 2 1 1 1 2 0 0 1	3 2 1 3 **** 1 1 0 0	4 2 1 1 0 1 1 0 0 0	5 1 0 0 0 1 0 0	5611001000	4 2 3 1 0 0 1 0 0	4 2 2 1 0 0 0 0 0 0	1 1 12 0 0 1 0 0	0 1 0 2 0 0 1 0 0	0301001000	0 1 1 0 0 0 1 0	0 1 1 0 0 0 0 1 ****	2212122000
11 12 13 14 15 16 17 18 19	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * 6 0 0 0 0 0 0 0 0	0 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**** 2020000000000000000000000000000000	000000000000000000000000000000000000000	**** 1 0 19 0 0 0 0 0	**** 2 0 0 0 2 0 0 0	****	2 3 0 0 1 0 0 0	**** 2 **** 0 0 0 0 0 0	3400000000	4 1 **** 1 0 0 1 1 1 0	4 1 0 0 0 0 0 0	2100000000	29 0 0 0 0 0 0 0	7 0 0 0 0 0 0	602000000	4010000000	201000000000000000000000000000000000000	0 0 0 0 0 1 0 0	000000000	000000000000000000000000000000000000000	0000000000	4 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0
21 22 23 24 25 27 28 29 30	0000010000	000000000000000000000000000000000000000	0000000000	000000000	000000000	000000000000000000000000000000000000000	00000000005	000000000000000000000000000000000000000	0000000001003	0 0 0 0 0 0 0 0	00000	0000000000	0 0 0 0 0 0 3 0 0	0000003002	00000000000	0 0 0 1 0 0 2 1 0	0001001200	0011002000	0210001000	00000000	000000000	5000000000	0 0 0 1 0 0 0 0 3	0 1 1 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 1
MEAN	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH OCT STATION - REEVES HOUSE PORT MAITLAND NO 22012 HOUR DAY 1 2 3 4 5 6 7 8 9 0 1 2 1 12 13 14 15 16 17 18 19 20 ...0 1000090140... 4 0 4 0 13 0 14 11 1 0 0 5 0 11 0 •• 0 16 1 0 0 2 22 23 24 25 26 27 28 29 30 0 4 MEAN

PERCENTAGE OF DATA VALID - 91

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIR	NMEN.	T - A	IR MA	ANAGEN	IENT	BRANC	ЭН						
	POLI	LUTANI	r - SL	JLPHUF	OIO	XIDE							U	NITS	PAR	TS PEF	HUND	REDMI	ILLION	1					
	STA	TION .	- REEV	ES HO	DUSE	PORT	MAITL	AND	N	220	12		M	ONTH I	VOV	72									
HOUR DAY 1 2 3 4 5 6 7 8 9 10	1 00000000000	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 0 0 0 1 0 0 0 0 0 0 0	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 00000400000	6 0 0 0 0 0 0 0 0 0 0 0	7 00 4 0 6 0 0 0 0 0 0 0	8 00010500000000000000000000000000000000	9 00000301000	10	11 00 20 20 10 10	12 1 0 8 0 5 0 0 0 1 0	13 1 0 7 0 5 0 1	14	15 0 0 0 7 1 1	16 0 0 0 1 0 0 1 0 0 1 0	17 0 0 0 0 0 0 0 0 0 0 0 0 0	18	19 0 0 2 0 0 0 0 1	20 0 0 0 2 1 0 0 0 0	21 0 0 4 1 0 0 0	100200000000000000000000000000000000000	23 0 0 0 1 0 0 0 1	0 0 0 1 1 0 0 0	0 0 1 1 3 0 0 0
11 12 13 14 15 16 17 18 19 20	0001	0 0 1	0 0 0 0 1 2 1 1 0 0	0 0 0 2 2 2 2 0 0	0 0 0 2 2 1 1		0 0 0 4 0 0 1	0 0 0 2 0 2 1 0	0 0 0 	000000000000000000000000000000000000000	0 0 0 	0 0 0 0 0 0 0 3 0	DATA 000 000 000 000 000 000	11 0 0 0 MISS 0 0 0	0 0 0 0 1 0 0 0 1	000000000000000000000000000000000000000	4 0 0 0 	0 0 0 0 3 4 0 3	0 0 0 0 0 2 0 1	0 **** 0 1 0 1 1 0	1 2 0 1 1 4	0 2 0 1 0 3	0 2 1 1 0 3	0 2 0 1 0 3	1 0 0 0 1 1 2 0 1
21 22 23 24 25 26 27 28 29 30	4 1 1 0 0 0 0 0 4 0 0	0 1 0 0 0 0 0 0 1 0	0 1 1 0 0 0 0 0	0 2 0 0 1 0 0 0	0 1 0 0 2 0 0 0 0	0	0	2 1 6 3 2 0 0 0	1 2 7 1 2 0	1 3 1 2 1 1 4 2	0 0 2 2 1 0 5 11	0 0 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 2 1 0 0 3	0 1 2 1 0 0	0 3 1 0 2 0 0 1	0 3 0 2 0 0	0 1 3 0 2 0 0 0	0 1 0 1 1 0 0 4	0 0 1 1 0 0 2	0 0 1 0 2 0 0 2	000000000000000000000000000000000000000	0 1 1 1 1 0 0 0 0 0 2	0 0 2 1 0 0 0 0	0 1 2 1 0 0 0 2	0 1 1 1 1 0 0 0 1
MEAN	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1

	POLLU	TANT	- SULP	HUR E	DIOXID	E						111000	UI	NITS -		TS PER		REDMI	LLION	١					
	STATI	ON -	REEVES	HOUS	SE POR	T MAI	TLAND		NO	22012			M	D HTMC	EC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 4 0 0 0 0 0 4 4 * * * * * * 1 2	30000000112	1 0 0 0 0 0 0 0 1	2 0 0 0 0 0 0 1 0 2	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000000000000000000000000000000000000	0020004031	0 1 3 0 0 0 0 0 5 1	0 2 1 0 0 0 0 1 1	0 1 1 0 0 4 4 4 2 1	0000035111	15 0 0 4 0 0 2 2	0 10 0 1 1 2 **** 0 9	0 4 1 0 1 0 **** 0 13 2	0 2 3 0 1 0 ****	6 2 2 0 0 0 **** 0 1 1	13 1 1 0 0 0 0 0 3 1	16 0 1 0 0 4 0 0 2 3	6 0 0 0 0 6 0 0 1 3	2 2 0 0 7 0 1 1	0 2 0 0 0 4 0 0 2 4	2 1 0 0 0 9 0 0 3 1	2000020030	2 0 0 0 0 0 0 0 0 0 2	2 2 1 0 0 2 1 0 3 2
11 12 13 14 15 16 17 18 19	0 1 0 1 1 1 0 0	0101000	0 0 0 2 1 1 0	0 0 0 2 1 2 0 0	0 0 0 2 2 1 4 0	0 1 0 2 1 1 0 1	0 4 0 1 1 1 1 1 0	0 4 1 2 1 0 0	0 3 1 1 1 0 0	0 3 2 0 2 7 1 2	10 3 1 0 2 3 5 1	6 2 0 0 3 6 0	10 3 0 0 0 2 3 0 DATA DATA	11 2 0 0 1 2 2 1 MISSII MISSI	10 3 0 2 1 0 2 - NG -	10 3 **** 0 3 0 0	5 4 0 0 2 0 0	4 3 0 0 2 0 1	2 2 1 0 2 0 2	0 0 0 0 2 0 1	1 0 5 1 2 0 0	2 3 6 1 4 0	1 1 1 5 0 0	0 2 2 1 3 0	3 2 1 1 2 1 1 ****
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31				01								-	DATA	MISSIN	VG -										
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - REEVES HOUSE PORT MAITLAND NO 22012

0.2 0.5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	1.4	68
FEB	29	4	15	55
MAR	31	4	18	52
APR	30	2	8	37
MAY	29	2	3	14
JUN		DATA MI	SSING	
JUL	4	3	4	6
AUG	28	1	5	10
SEP	30	1	2	29
OCT	31	1	6	16
NOV	29	1	3	11
DEC	18	1	3	16
YEAR	290	2	18	68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - REEVES HOUSE PORT MAITLAND NO 22012 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL FEB MAR APR MAY JUN DATA MISSING JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID MAX

0.8

3.8

1.5

6.2

14.8

25.2

2.1

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E60 NO 22033 MONTH JAN 24 MEAN DATA DATA DATA MISSING MISSING MISSING 1 0 0 0 0 0 **** 0 **** 0 **** 0 0 **** 0 **** 0 **** ...0 ...0 0 0 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING ... DATA MISSING DATA MISSING DATA MISSING 0 0 0 0 **** 0 DATA MISSING - DATA MISSING -

0 0

PERCENTAGE OF DATA VALID - 30

MEAN

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINI	STRY	OF '	THE	ENVIR	ONMEN	T - A	R M	ANAGE	MENT	BRANG	CH						
	POL	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	PAR	TS PE	R HUNI	DREDM:	ILLION	V					
	STA	TION	- NAN	TICOK	E GS	E60			N	220	33		M	ONTH F	EB	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	1	* * * * 1	****	****	****	* * * * 1	****	****	****	****	* * * *	****	* * * * *	****	****	1 1 ****	1	1	1	1	1	1	1	***	****
3 4 5	1	1	1	1	1	1	1	1.	1	1	1	-	DATA	MISSI MISSI	NG -	****	1	1	1	1	1	1	1	****	1
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8	0	* * * *	****	0	0	****	****	****	****		****	***	0	0	0	0	0		0	0	0	0	0	0	****
10	1	1	1	1	1	0	1	1	1	ĭ	1	* * * *	***	* * * *	* * * *	***	***	****	* * * *	***	****	***	****	* * * *	***
11 12 13 14 15 16 17 18 19 20	****	****	****	* 2 2 *	****	* * * * *	****	****	****	****	****	:	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI 0	NG - NG - NG - NG - NG -	0 1	0	0	1 0	1 0	1 0	1 0	1 0	1 0	****
21	****		0	1	1	1	1	1	1	1	1	****	0	0	0	0		* * * *	****	* * * *	***	* * * *			****
21 223 24 25 26 27 28	0	0	0	0	0	0	0	0	0	0	0	****	DATA	MISSI MISSI MISSI	NG -	1	****	****	****	****	****	****	****	****	****
28	****	***	***	* * * *	****	***	***	***	***	***	* * * *	***	DATA 1	MISSI	NG -	1	1	1	1	1	1	1	1		****
29	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	****	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 1	1	1	1	1	1	- 4	0	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS E60 NO 22033 MONTH MAR 1 2 3 4 5 6 7 8 9 9 0 1 1 2 3 3 4 5 6 6 7 8 9 9 0 1 1 2 3 3 4 5 6 6 7 8 9 9 0 1 1 2 3 2 3 4 5 6 6 7 8 9 9 0 1 2 2 3 2 4 5 6 6 7 8 9 9 0 1 2 2 3 2 4 5 6 7 8 9 9 0 1 2 2 3 2 3 4 5 6 7 8 9 9 0 1 2 3 4 5 6 7 8 9 9 0 1 2 3 4 5 6 7 8 9 9 0 1 2 3 4 5 6 7 8 9 9 0 1 2 3 4 5 6 7 8 9 9 0 1 2 3 4 5 6 7 8 9 9 0 1 1 2 3 4 5 6 7 8 1 1 0 1 0 0 1 0 .0 Ó 1 0 1 0 1 0 0 1 1 1 0 1 0 1 0 0 0 1 0 1 1 1 0 1 1 1 **** 1 1 0 **** 1 1 0 **** 0 0 0 ...0 DATA MISSING -DATA MISSING -DATA MISSING -1 1 MEAN

PERCENTAGE OF DATA VALID - 60

						ONTA	ARIO	MINI	STHY	OF T	HE E	HIVE	UNMEN	1 - A	IH M	ANAGE	MENT	BHAN	UH						
	POL	LUTAN	- SL	JLPHUR	DIO	(IDE						U	NITS	- PAR	TS PER	R HUNI	DREDM:	ILLION	V						
	STA	TION -	NAN1	ICOKE	GS	E60			NO	2203	3		M	ONTH	APR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3												:	DATA	MISS MISS MISS	ING -			•	^		•	•			
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7		ĭ	ĭ	1	1	ĭ	1	1	¥	4	ĭ	ň	****			****	****	****	****	****					****
8 9 10			,		-1	,	. ,			,	3.0	-	DATA	MISS MISS MISS	ING -										
11 12 13 14 15 16 17 18 19	****			••••		••••			••••		••••	:	DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING -	0	0	0	0	0	0	0	0	0	••••
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UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS E60 NO 22033 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 . . . 0 0 0 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 12 13 14 15 16 17 18 19 20 DATA MISSING DATA MISSING DATA MISSING DATA MISSING 0 0 **** 22 23 24 25 26 27 28 29 30 1000*

 PERCENTAGE OF DATA VALID

MEAN

POLLUTANT - SULPHUR DIOXIDE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS NO 22033 MONTH JUN 24 MEAN 2 3 4 5 6 7 8 9 10 DATA MISSING DATA MISSING
**** 2
DATA MISSING
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DATA MISSING
DATA MISSING
DATA MISSING 12 13 14 15 16 17 18 19 20 DATA MISSING 2 2 1 1 2 1 1 1 **** **** DATA MISSING 22 23 24 25 26 27 28 29 30 DATA MISSING MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

VALID

37

		MONTHLY SU	MMARY OF	HOURLY AND	2-HOURLY DATA	FOH 1972
STATION - M	NANTICOKE GS E60	NO	22033			
POLLUTANT	- SULPHUR DIOXIDE					UNITS - PARTS PER HUNDREDMILLION
					V. 116116 D. 11411	MANUAL DEADTHE
MONTH	DAYS OF VALID I	DATA	AVERAGE	CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17		0		1	1
FEB	1.4		1		1	Í
MAR	26		1		1	1
APR	16		0		0	1
MAY	21		.0		1	t
JUN	7		1		1	2
JUL				DATA MISSI	√G	
AUG				DATA MISSI	√G	
SEP				DATA MISSI	NG	
OCT				DATA MISSI	vG	
NOV				DATA MISSI	4G	
DEC				DATA MISSI	NG.	
YEAR	101		1		1	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE NO 22033 STATION - NANTICOKE GS E60 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER 0 228 0 228 0 0 0 JAN 0 FEB 0 0 0 0 189 449 0 0 0 0 0 MAR 0 0 273 0 0 273 APR 0 412 0 0 0 0 0 MAY 412 80 0 0 0 0 JUN DATA MISSING JUL DATA MISSING AUG SEP DATA MISSING OCT DATA MISSING DATA MISSING NOV DEC DATA MISSING 1631 0 0 0 0 0 1631 FREQUENCY DISTRIBUTION BY PERCENTILES

98 99 MAX MEAN

2

0.5

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95 98 99
0 0.1 0.3 0.5 0.7 0.9 1.0 1.0 1.2

													0.1		1402.1			D. 0							
	POLL	LUTAN	r - s	ULPHUR	R DIO	(IDE							U	NITS - P	ART	S PEF	R HUND	REDM	ILLION	V					
	STAT	TION .	- NAN	TICOKE	GS	N 60)		NO	220	42		M	ONTH JAN	ı	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	1	0	0	0	****	1	1	1	1	1	1	1	0	0	1	1	****	1	1	1
234567	1	- 4	1	1	1 2	1	į	1	1	****	* * * *	****	****	**** **	**	* * * *	****		* * * *	****	* * * *	****	1	***	1
5	***	****	****	****	***	****	****	****	****		***		DATA	MISSING	-		0	0	D	0	0	***	0	0	
7 8 9 10	1	1	1	1	1	0	0	0	0	***	0	0	DATA	MISSING MISSING MISSING	-	***	****	****	****	****	****	***	****	****	****
11 12 13 14 15 16 17 18 19	****	***	* * * *		***	***	***	***	***	***	***	***	DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING **** ** MISSING MISSING MISSING MISSING MISSING MISSING	**	***	***	2000	****	***	* * *	***	0	o	***
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22 23 24 25 27 28 29 30	0 1	* * * * 0 0 * * * *	**** 0 1 ****	**** 0 0 ****	0 0 0	0 0	**** 0 0 ****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	**** 0 0 ****	****	1 0 0	DATA 1 0 0 ****	MISSING MISSING 0 0 **** ** MISSING	1 0 0	1 0 0 ****	1 0 0 ****	1 0 0 ****	1 0 0	1 0 0 ****	1 0 0	1 0	**** **** 0	0 0 ****	****
31													DATA	MISSING											
MEAN	1	1	1	1	4	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0

PERCENTAGE OF DATA VALID - 22

						ONTA	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - AIR	MANAG	EMENT	BRAN	CH						
	POLI	UTAN	r - S	ULPHUR	R DIO	XIDE							U	NITS - PA	RTS P	ER HUN	DREDM	ILLIO	N					
	STAT	TION -	- NAN	TICOKE	E GS	N 60	0		N	220	42		М	ONTH FEB	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12				6 17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	***	***	***	****	***	***	* * * *	***	***	***	****		DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING) ***	0	0	0	0	0	***	0	****
11	0	0	0	0	0	0	0	0	0	* * * *	0	0		****			****	***	* * *	****	* * * *	****		
13 14	0	0	0	0	0	1	0	0	0	* * * *	0	0	DATA) 1	j	0	0	0	***	0	O	0
12 13 14 15 16 17 18 19 20	***	****	**** 0 0	* * * * 0 0	0 0	****	0 0	****	0 0	0 0	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0	DATA **** ****	MISSING **** *** **** *** MISSING	* * * * * * * * * * * * * * * * * * *	· 0	0	0	0 **** ***	****	 ****	* * * *	0 ****	****
21 22 23 24 25 26 27 28 29	****	****	****	****	****	****	****	****	****	***	****		DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING		4 4 4 4	4 4	4 4	4 4	2 4	****	4 4	4 4	****
MEAN	1	1	1	1	1	1	1	1	1	0	1	1	3	3	3	3 2	2	2	2	1	0	3	2	1

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - NANTICOKE GS NO 22042 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 **** 5 **** 0 **** 0 **** 0 **** 0 0 0 1 ...0 -0000 -000 0 ... 12 13 14 15 16 17 18 19 20 1 0 1 DATA MISSING DATA MISSING 0 **** 0 0 0 1 0 0 0 0 0 0 DATA MISSING 22 23 24 25 26 27 28 29 30 ...0 - DATA MISSING -

PERCENTAGE OF DATA VALID - 52

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MEAN

ONTARTO	MINITETRY	OF	THE	ENVIRONMENT		ATR	MANAGEMENT	BRANCH
UNIANIU	WINTSILL	O.F	1116	CIAA TLICIAMETAL	-	0.411	MULAUOFMEIAI	DIMINO

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	POLL	UTANT	- St	JL PHUP	DIO	(IDE							U	NITS -	PART	TS PER	HUND	REDMI	LLION							
	STAT	ION -	NAN	COKE	GS	N 60	0		NC	2204	12		M	ONTH AP	R	72										
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2		••••					9	10	11	****	DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G - G - G - G - G - G - G - G - G - G -	1	17	18	0	0	0	0		(MEA	
11 12 13 14 15 16 17 18 19 20												-	DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	666666666666666666666666666666666666666											
21 223 225 226 227 229 229 230													DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	666666666666666666666666666666666666666											
MEAN	0	0	1	0	0	0	0	0	0	0	• • • •		***	****	• • •	1	1	0	0	0	0	0	••••	()	0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS N 60 MONTH MAY NO 22042 HOUR DAY

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PERCENTAGE OF DATA VALID -

MEAN

						ONTA	RIO	MINIS	TRY	OF	THE	ENVIR	ONMEN	T - A	IR MA	ANAGE	MENT	BRANC	H						
	POLI	LUTAN	T - SI	JLPHU	R DIO	(IDE							U	NITS	- PAR	TS PER	R HUNE	DREDMI	LLION	N					
	STAT	TION	- NAN	TICOK	E GS	N 60			NO	220	42		М	ONTH .	JUN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	0	0	0	0	0	0	0	0	0	***	****	***	DATA	MISS: MISS: MISS:	ING -		***	***	***	***	****	***	***	***	****
5 6 7	**** 0 0	* * * * 0 0	****	**** 0 0	0 0	****	* * * * 0 1	* * * * 0 1	**** 0 1	0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0	****	0 0 ****	0 0	0 0	0 0	0 0	0	0 0	0 0	****	0 0	0	0
8 9 10	****	****	****	****	****	0002	0	0	****	* * * *	****	0 2	****	****	****	****	**** 0 2	****	****	****	****	****	****	****	****
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21 223 44 556 78 99 0													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -										
MEAN	1	1	1	1	1	1	1	1	1	1	Ť	1	0	0	1	1	0	0	0	0	1	1	1	1	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION -	NAN	ICOKE	GS	N 60)		N	0 220	42		M	ONTH S	EP	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
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20	0	0	0	0	0	0	1	1	1					••••									0	-	••••
21 223 224 226 227 228 229 30	0	0	0	0	0	0	0	0	0	****	••••		DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -	****	****	****	****	****	••••	••••	••••	••••	••••
MEAN	0	^	0	0	0	0	4	4	1								1	1	0	٥			0	0	0

PERCENTAGE OF DATA VALID - 3

						ONTAR	10	MINIS	TRY	OF	THE	ENVIR	ONMEN	T - AIR	MAI	NAGEM	ENT	BRANC	ж						
	POLI	UTANT	- SI	JLPHUF	DIO	IDE							U	NITS - F	PART	S PER	HUND	REDMI	LLIO	٧					
	STAT	TION -	NAN	TICOKE	GS	N 60			N	220	42		M	ONTH OCT	1	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0	0	o	0	0	0	0	1	••••	o	o	0	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		•••	••••	••••	••••	••••	••••	••••	••••		
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
21 22 23 24 25 26 27 28 29 30	****	0	••••					****	****	****	****	***	DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING	0	0	0	0			0	1	1		
31												×	DATA	MISSING	.										
MEAN	0	0	0	0	0	0	0	1	• • • •	0	0	0	1	0	1	1	1	0	0	••••	0	1	1	0	0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS N 60 NO 22042 MONTH NOV 24 MEAN 0 **** 0 0 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 0 0 0 0 1 0 0 0 1 0 **** 0 1 2 Ô . . *00 *00* 2 1 0 2 1 1 0 1 0 1 0 1 0 0 0 0 1 ...0 DATA MISSING DATA MISSING DATA MISSING MEAN

 PERCENTAGE OF DATA VALID -

						ONT	ARIO	MINIS	STRY	OF	THE	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	СН						
	POL	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUNI	DREDM	ILLIO	N					
	STA	TION	- NAN	TIÇOK	E GS	N 6	0		N	0 220	42		M	ONTH	DEC	72									
HOUR DAY	1	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	0 ****	0	****	0	0	0	0	0	0	***	****	****	0	1 0	0	0	0	0	0	0		****	0	0	0
4 5	1 0	1	1	0	****	****	****	****	****	****	0	****	****	****	****	****	****	****	****	****	0	****	****	1 0 0	****
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9 10	0	0	0	0	0	0	0	0	0	000	****	0	0	0	0	000	0	000	0	0	000	0 0 0	***	0	0
11 12 13 14 15 16 17 18 19 20	0 1 0 0 **** 0 0 2 1	0 1 0 0 0 **** 0 0 0 2 1	0 0 0 0 **** 0 0 0 2 2	000000000000000000000000000000000000000	010000000000000000000000000000000000000	0 0 **** **** *** 0 ***	000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 **** **** 0 1 0 2 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0.00	**** 1 0 **** 0 1 **** 2 1 1	***** 1 0 **** 0 1 **** 2 1 2	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	•	**** **** **** 1 0 2 1 2	1 0 0 **** **** 1 0 2 1 2	1 0 0 **** **** 0 0 2 1 2	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30		2 2 1 0 1 1 2	2 2 1 0 1 1 1 1 1 1	2210011111	22111111	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		****	2 1 ****	2 2 1 1 1 1 1 1 0 0	0		2 2 1 0 1 1 4 MISSI	* * * *	2 2 1 0 1 1 4	2 2 1 0 1 1 2	2 2 1 1 1 1 2	2 2 1 1 1 1 2	2 2 1 1 1 2 2 2	****	2 2 **** *** *** *** *** *** *** *** **	2 2 0 0 1 2 1	22000122	2
31	***		* * * *	***	0.000	***	****	****	* * * *	* * * *	****	***		0	***	***		****	***	****		***	****	***	****
MEAN																							-20		

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - NANTICOKE GS N 60 NO 22042

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	13	0	1	2
FEB	8	1	4	4
MAR	20	0	4.	5
APR	2	0	0	1
MAY	19	0	o	1
JUN	17	1	2	3
JUL		DATA MIS	SSING	
AUG		DATA MIS	SSING	
SEP	3	0	o	1
OCT	4	0	o	1
NOV	22	0	1	2
DEC	30	1	2	4
YEAR	138	1	4	5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - NANTICOKE GS N 60 NO 22042 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 BOVER TOTAL 168 0 0 0 0 0 JAN FEB MAR 0 0 0 0 0 0 APR 0 MAY JUN DATA MISSING JUL AUG DATA MISSING 24 0 0 36 0 0 0 0 SEP OCT NOV

FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA CONCENTRATIONS FREQUENCY DISTRIBUTION PERCENT

0 0

DEC

YEAR

OF DATA				FREQUENCY	DISTRI		PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
27	0	0.1	0.3	0.6	0.8	1.1	1 , 7	3.4	3 . 8	5	0.6

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS NW 60 NO 22047 MONTH JAN HOUR DAY 24 MEAN 2 3 4 5 6 7 8 9 10 *** 1 0 2 0 1 ***0 *** 0 0 0 DATA MISSING -12 13 14 15 16 17 18 19 20 DATA MISSING DATA MISSING 0 0 2 2 1 1 0 1 2 0 2 1 0 1 2 1 0 0 1 0 1 2 1 0 2 1 1 0 2 1 1 0 2 1 1 0 1 1 1 0 1 1 ó ó ó 22 23 24 25 26 27 28 29 30 **** 0 0 - DATA MISSING -MEAN

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 UNITS - PARTS PER HUNDREDMILLION

PERCENTAGE OF DATA VALID -

POLLUTANT - SULPHUR DIOXIDE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	STA	TION	- NAN	TICOK	E GS	NW 6	0		NO	220	47.		M	ONTH F	EB	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9			****		******		****	* * * *			****	1	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -	0 4 4 4 4		****		***	****	****	****	****	***
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21 223 234 256 27 28 29	1 0 1 1 0 0	1 0 1 1 1 0 1 0	1 0 1 1 1 1 1 0 0	1 1 1 1 0 0	1 0 1 0 1 1 1 0 0	1 0 1 0 1 1 1 1 0		**************************************	1 0 0 0 1 1 1 0 0	1 0 0 0 1 1 0 0	1 0 0 0 0 1 1 1 * * * * 0	1 0 1 0 0 1 1 0 0	000001000	000000000000000000000000000000000000000	000000000	00000000	00000000	000000000	0000000	**** **** **** **** **** **** ****	00000000	00000000	1 0 0 0 0 0 0 0	1 0 1 1 0 0 0	100000000000000000000000000000000000000
MEAN	1	1	1	1	1	1	1		1	1	1	1	0	0	0	0	0	0	0	* * * *	0	0	1	1	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS NO 22047 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 0 ...0 .0 00 ò 0 0 1 1 0 1 1 1 0 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 0 1 0 1 1 0 1 1 - DATA MISSING -

PERCENTAGE OF DATA VALID - 55

MEAN

						ONTA	HIU	WINT	SINT	UF	IHE I	ENVIR	UNMEN	I - AIH	MA	NAGEN	MENI	BHANC	H						
	POLI	UTAN	r - Su	JLPHUR	DIO	XIDE							U	NITS - P.	ART	S PEF	HUND	REDMI	LLIO	V					
	STA	TION -	- NAN	TICOKE	GS	NW 60)		N	2204	47		M	ONTH APR		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3													DATA	MISSING MISSING MISSING	-										
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12	****											****		**** **	• •				••••	****	0	0	0	0	
13	0	0	0	0	0	0	0					2	2	2	2	2	2	2	2		0	0	0	1	1
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17	0	ŏ	,		7	ŏ	ŏ	ŏ		****	1	1	1	2	2	1	0	0	0	0		ŏ	0	Ö	ò
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24	ŏ	ŏ	ó	Ó	Ó	ó	ဂ်	ó		****	1	1	ĭ	ĭ	ĭ	1	ĭ	1	1				1	1	1
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27	0	0	1	1	1	1	1	* * * *	1	****	1	1	1	i	1	Ó	Ó	ŏ	ō		1	1	ĩ	ī	- 4
28	1	1	1	1	1	1	1		1	1	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1
29	- 1	1	1	1	1	1	1		1	1	0	0	Ō	0	0	0	0	0	0		0	Ō	1	1	1
30	1	7	1	1	1	1	1		1	1	0	0	0	0	0	0	0	0	0		0	0	••••		0
MEAN	0	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	Í	1	1	0	0	0	1	1	1

	POLL	JTANT	- SL	JLPHUR	DIO	CIDE							ur	NITS -	PAR	TS PER	R HÜNE	DREDMI	LLION	١					
	STAT	ION -	NANT	ICOKE	GS	NW 60)		NO	2204	.7		MC	N HTMC	MAY	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000111000	0 0 1 1 1 0 1 1 0 0	0 0 1 1 0 0 0	0 0 1 1 0 0 0	0 0 1 1 4 1 1 1 0 0	0 0 1 1 0 1 1 1 0 0	0 1 1 0 1 1 0	0 **** *** *** *** *** 0 0	* * * * * * * * * * * * * * * * * * *	0 0 1 1 0 1 1 ****	0 0 1 1 0 1 1 1 0	0 0 1 0 0 1 1 1 0	0 0 1 0 0 1 1 1 0	0 0 1 0 0 1 1 1 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0	0 0 0 0 0 1 0	0 0 0 0 0 0 1 0	0 0 0 0 0 1 0	0 **** **** **** 0 0	**** 0 0 0 0 0 1 ****	0 0 0 1 0 0 1 0 0	0 0 0 1 1 1 1 0 0	0 0 0 1 0 1 1 0 0	0 0 1 1 0 0 1 1
11 12 13 14 15	0 0 0	0 0 0 0	0 1 0 0	0000	0 0 0	0 0 0	000	0 0 0 0	****	1 0 0 0 ****	1 0 0 0 ****	0000	0 0 0 0 0 ****	0 0 0 0 0 ****	0 0 0 0 0 ****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 ****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	0 0 0	00000	0 0 0 0	0 0 0
17 18 19 20	0 1 1	0 1 1	0	0 1 1	0 1 1	0 1 1	0 1 1	0 1 1	0	****	0 1 1	0	DATA 0 0 1	MISSI 0 0 1	NG - 0 0 1	0 0 0	0 0 0	0 0 0	0 0 0	0	***	0 1 0	1 1	1	0 1 1
21 22 23 24 25 26 27 28 29	1 1 1 1 1 0	1 1 1 1 1 0	1 1 1 1 0	1 1 **** 1 1 0	1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * *	1 1 1 1 0	0 1 1 1 0	0 1 0 0 0	0000	0 0 **** **** ****	0 0 0 **** ****	0 0 **** **** ****	0 0 **** **** ****	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	0 1 **** 0 0 ****	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0	0 1
27 28 29 30	****	****	****	****	****	****	****	****	* * * *	1 0	1 0	1 0		MISSI MISSI 0		0	0	****	****	2011/02/201	***	0	0	0	****
31	1	1	1	1	1	1	1	1	* * * *	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1
MEAN	0	1	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 70

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - AI	R MA	ANAGEN	MENT	BRANC	H						
	POLI	LUTAN	r - sı	JLPHUI	R DIO	XIDE							U	NITS -	PART	TS PER	R HUND	REDMI	CLLION	١					
	STAT	TION	- NAN	TICOK	E GS	NW 60	0		N	0 220	47		м	ONTH J	UN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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8	1	1	1	1	1	1	1	****	****	1	1	1	0	0	0	0	****	****	0000	0	****	0	0	0	1
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11	* * * *	****		***	****	***	***	***	***	***	* * *	* * * *	***	***	***	***	* * *	****			1	1	1	1	
12	1	_1	1	1	1	1	1	***		1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	1
13 14	1	- 1	1	1	1	1	1	水水水水	0	0	0	0	DATA	MISSI	NG -	0	0	0	0	***	****	***	4 * * 4	****	0
15 16	***	***	****	****	***	* * * *	****	* * * *		1	1	1	DATA	MISSI	1 NG -	1	1	1	1	1		1	1	1	***
17	***	****	****	***	***	***	****	***		****	***	***		***	***	* * * *	***	***			***	1	1	1	***
18 19		2000	****	2	2444	****	2	***	****	****		****	0 * 0 0	****	****	0000		****		****	****		1	1	****
20	,	1	į.	2	2	2	2		****			Section Section	120,000,000	MISSI		~~~		****		****				****	****
21		***	***	***	***	***			****	* * * *		****		***		0	0	0	0		0	0	0	0	
22	1	1	1	1	1	1	1	* * * *	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1
23	1	1	1	1	1	1	1	****	****	0	0	0	0	***	****	***	***	***	***	****		***	0000	****	***
24	U	U	U	0	Ü	U	0	****	0	0	U	0	DATA	MISSI	NO.	***		****		****	****	***			
23 24 25 26	0	0	0	0	0	0	0	* * * *	****	0	n	***	****	****	****	* * * *	***	***	***	***	0	0	0	0	****
27	0	0	0	0	1	ĭ	1	* * * *	0	ŏ	ŏ	0	0	***	***	***	* * *	****		***	***	****	ĭ	1	
28	0	0	0	0	0	0		* * * *	0	0	0	***		***	***	***	* * * *			* * * *				***	* * * *
29 30	0	0	0	0	0	0	0	* * * *	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	0
MEAN	1	1	1	1	1	1	- 1	1	1	1	Ω	1	0	0	0	0	1	1	1	1	0	1	1	4	1

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS NW 60 MONTH JUL 72 17 6 10 11 12 13 14 15 16 18 20 DATA MISSING -DATA MISSING -0 DATA MISSING -DATA MISSING -DATA MISSING -DATA MISSING -DATA MISSING DATA MISSING DATA MISSING 0 0
DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING -00 -0 0 2 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 31 - DATA MISSING -

0

0

PERCENTAGE OF DATA VALID - 17

MEAN

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINIS	STRY	OF	THE I	ENVIR	ONMEN	T - AIR	MANAG	EMENT	BRAN	CH						
	POL	LUTAN	T - 5	SULPHUE	R DIO	XIDE							U	NITS - P	ARTS F	ER HUN	DREDM	ILLIO	N					
	STA	TION	- NAN	TICOKE	GS	NW 60)		NO	220	47		M	ONTH SEP	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2			5		7	8		10		.eeeeeeeeee.	DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	15 1	6 17	18	19	20	21	22	23	24	MEAN
10 11 12 13 14 15 16 17 18 19 20													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING										
21 22 23 24 25 26 27	****	::::	****	****	••••	••••	••••	••••	0	::::	0		DATA DATA DATA DATA	0 MISSING MISSING MISSING MISSING		1 1	1	1 2	0	1	::::	****	::::	••••
27				****	****	****	••••	••••		****		0	0	**** **	•• •••			0	0	0	0		0	
28 29 30		2	****	****	0	0	0	0	0	0	::::	0	0	0	0	0 0	0	0	0	0	0	::::	!	0
MEAN	1	1	1	2	1	1	1	1	1	1	0	0	0	0	1	1 1	1	1	0	0	0	• • • •	1	1

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS NW 60 NO 22047 MONTH OCT 24 MEAN DATA DATA DATA MISSING MISSING MISSING 2002* 2 0 1 0 1 0 2 **** 0 2 **** 0 0 2 0 1 **** DATA MISSING **** 0 1 2 1 2

1 0 1

MISSING MISSING MISSING

1 0

DATA DATA DATA DATA

 1 0 1

0 ****

-000*

PERCENTAGE OF DATA VALID

MEAN

 POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIR	NMENT	r - AI	R MA	ANAGEN	MENT	BRANG	ЭН						
	POLL	UTAN1	r - sı	JLPHUF	R DIO	KIDE							U	NITS -	PAR	TS PEF	R HUND	REDM:	CLLION	N					
	STAT	ION -	- NAN	TICOKE	GS	NW 6	0		NO	220	47		MC	NTH N	IOV	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 1 0 1 1 0	0 0 1 0 1 0 1 1 0	0 0 1 0 1 1 0 0	0 0 1 0 1 0 1 1 0	0 0 1 0 1 0 1 1 0	0 0 1 0 1 1 0 0	0 1 0 1 0 1 1	**************************************	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 1	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 1 1	0 1 0 0 0 1 1 0 1	0	0 1 1 1 0 0 0 0	0 1 1 1 0 0 0 0	0 1 1 1 0 0 0 0	0 1 1 1 0 0 0 0	0 0 1 0 0 0 1 1
11 12 13 14	0 0 0 1	0 0 0 1	0 0 1	0	0 0 0	0000	0 0 0	****	0 0 0 0 ****	0 0 1	0 0 1 ****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 ****	0 0	0 0	0 0 0 ****	0 0	0 0	* * * * * * * * * *	0 0 1	0 0 1 ****	0 0 1 * * * *	0 0 1 ****	0 0 0
15 16 17 18 19 20	* * * * * O 1 0	* * * * * * * * 0 1 0	* * * * 0 0 1 0	* * * * * * * * 0 1 0	0	0 0 * 0	****	****	**** **** 1 1 ***	* * * * * * * * * * * * * * * * * * *	**** **** 1 1 ****	* * * * * * * * 1 1 2	DATA **** 1 0 2	MISSI **** 1 0 2	NG -	0 **** 1 1 2	**** 1 1 2	0 ****	**** 2 1 1	**** **** 1 1	**** 2 2 1 ****	**** 2 2 1 2	* * * * 2 1 1 2	**** 2 1 1 2	**** **** 1 1
21 22 23 24 25 26 27 28 29 30	2 2 1 0 1 0 1 0 1	1 2 1 0 1 0 1 0 1	1 2 1 0 1 0 1 0 1	1 1 0 1 0 1 0	1 1 0 1 0 1 0 0 0 0	1 1 0 1 0 0 0 0 0 0	1 1 0 1 0 1 0 0 0 0 0	11 11 11 11 11 11 11 11 11 11 11 11 11	* * * * * * * * * * * * * * * * * * *	0 1 1 0 1 1 0 0 0	0 1 1 0 1 1 ****	0 1 **** 0 1 1 0 0 0	0 1 0 0 1 1 0 0 0	0 1 0 1 1 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 1 1 0 0 0	0 1 0 0 1 1 0 0	0 1 0 1 1 0 0	0 1 0 0 1 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**** 0 0 1 1 1 0 ****	1 0 0 1 1 0 0	2 1 0 0 1 1 0 1 0	2 1 0 0 1 1 0 1 0	1 1 0 0 1 1 0 0 0 0 0
MEAN	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0

						0.11			0.000000	~ .		- ALPHA 12000													
	POLL	UTANT	- St	LPHUR	DIO	(IDE							UN	ITS -	PART	S PEF	HUND	DREDM	[LLIO	N.					
	STAT	ION -	NANT	ICOKE	GS	NW 6	0		N	2204	47		MC	NTH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 2 0	1020	0 1 0 0	1 0 2 0 1 0	1 0 2 1 0 1 0	1 1 2 1	1 1 2 1	1	0000001	1 0 0 0 1 0	2 1 1 1 0 0 0 1 1 1	2 1 1 1 0 0 0 1	2 1 1 1 0 0 0 1 1 1	2 1 1 1 0 0 1 0 0 1	2011001001	2011001001	201111111111111111111111111111111111111	1 0 1 1 1 0 2 0 0 0 2	0 1 1 1 0 2 0 0 1	1	0 0 0 0 0 0	0 0 0 0 0 1	000000	0 0 0 0 1	1 1 1 1 0 0 0 0 1
11 12 13 14 15 16	1 0 •••••	1 0	1 0	1 0	0 0	000	0	2	01	0 1	1 1 2 0 0 2	00 - 22 00 0	DATA 2 2 0 0	MISSIN 2 2 0	1 0 - 2 2 0 0	1 0 2 2 0 0	1	20 2200	20	0	0 0 0	1 0 1	1 0 0 0 1	1 0 0 0	1 0
18 19 20	0 0	1 0 0	1 0 0	0	1 0 0	1 0	::::	0	0	0	000	0	200	0	0	1 0 0	1 0 0	0	::::	0	ŏ	, , , , , , , , , , , , , , , , , , ,		••••	0
21 22 23 24 25 26 27 28 29 30	0121101021	0 2 1 1 0 1 0 1	0 2 2 1 1 0 1 0 1 1 1	022211001011	0 2 2 1 1 0 1 0 2	0 1 2 0 1 0 1 0 1	0 1 0 1 0 1	0 3 1	3 1 0 2 1 1 0 0	0 3 1 1 2 1 1	1 2 1 1 1 0	1 3 1 1 1 1 2 1 0	1 2 0 0 1 1 1 1 2 1 0	1 2 0 0 1 1 1 1 2	2 3 0 0 1 1 1 2 1 1	2 3 0 0 1 1 1 1 2 1	2 3 0 0 1 1 1 2 2	230001	0 0 1 2 1 2	1 2	1 2 1 0 1 2 0 2 0	1 2 1 1 1 2 0 2	1 2 1 1 2 0 2 0	1 2 0 1 1 2 0 2	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
31												-	DATA	MISSIN	G -										

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION MANTENESS OF THE STATE OF THORE AND 2-HOURE DATA

STATION - NANTICOKE GS NW 60 NO 22047

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE	CONC. 24 - HOUR	MAXIMUM MAXIMUM	READING
JAN	27	1	2	!	2
FEB	21	1	1	1	2
MAR	24	1	1		2
APR	22	7	1		3
MAY	27	0	1		4
JUN	22	-1	1	2	2
JUL	10	0	1		2
AUG			DATA MISSING		
SEP	6	1	1	-2	2
OCT	16	1	2	5	3
NOV	29	0	1		· >
DEC	29	1	2	3	3
YEAR	233	1	2	4	L.
			-		•

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS NW 60 NO 22047 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN 0 0 FEB MAR APR MAY JUN JUL AUG DATA MISSING SEP OCT NOV YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID ARITH MEAN MAX 1.8 1.9 0.6

HOUR DAY	STAT 1	ION -	NANT										U	NITS	- PAR	TS PER	HUNE	DREDM	ILLION						
HOUR DAY	1		10.000.00.01.01	ICOKE	GS V	N 70			NO	2205	6		M	HTMC	JAN	72									
יאט		2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	100	0	0	0 0 0	0	0	0	0	0	0	0	0	DATA	0 MISS	0 0 ING -	0	0	0	0	0	0	0	0	0	0
5 *** 6 7 8 9	0	0	0000	0000	0	0 0 0	0 0 0	00000	00000	0000	0 0 0	0000	00000	0	0000	00000	0	00000	00000	00000	00000	00000	00000	00000	00000
11 12 13 14 15 16 17 18 19	1 0 0		0 0 0 0 0 0 0 0 0	•	0 1 0 1 1 0 0	0000	0001110000	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 1 1 0 0	0000	000000	0000	0000	1 0 0 0 0	0000	0 1 0 0 0 0	0000	0000	0000	0000	0000	0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000100000
30	0 0 0 0 0 1	0 0	0 1 0 0 0 0 0 0 1 1 0	11000000011	0 1 0 0 0 1 1 0 0	1 1 0 0 0 1 1 0 0 0 1 1	1 1 0 0 0 1 1 0	1 1 0 0 0 0 1 1	1 1 0 0 0 1 1	1 1 0 0 0 0 1 1	1 1 0 1 1 1 0 0 1 1 1	1 1 0 0 0 1 1	1 1 0 1 1 0 0 0 0	0000	10000000001	100000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 0 0 0 0 1 1	100000000000000000000000000000000000000	100000000000000000000000000000000000000	000000000000000000000000000000000000000	1000000111	1 1 0 0 0 0 0 0 1 1

PERCENTAGE OF DATA VALID - 85

						ONTARI	MIN C	ISTRY	OF	THE E	ENVIR	ONMEN	T - AIR	M	ANAGEM	ENT E	BRANCH	1						
	POLI	LUTANT	- SL	JLPHUR	DIOX	IDE						U	NITS -	PAR	TS PER	HUNDE	REDMIL	LION						
	STA	TION -	NANT	ICOKE	GS W	70		N	IO 220	56		м	ONTH FE	В	72									
HOUR	1	2	3	4	5	6 0	7	8 9		11 0	12 0		14	15 0		17	18	19	20	21	22	23	24 N	ÆAN .
2 3 4 5 6 7 8 9	1 0 1 1 0 0 0 1 1	****	10000	1000011111	0 0 0 0 1 1 1 1 1	0 0 0 0 1 1	1 0 1 0 0 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 0 0 1 1 1 1 1 1	101001111111111111111111111111111111111	010001	1 0 1 0 0 1 1 1		00000000000	000000000000000000000000000000000000000	0000000000	0000000000	0001000100	0001000100	0001000110	0001000110	0001000110	1001000110	01001
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	0 0 0 0 1	1 1 0 0 0 0 1 0 0 1	1 1 0 0 0 0 1 0 0 1	1 1 0 0 0 0 1 0 0 1	1 0 0 0 0 1	1 2 0 0 0 0 0 1 0 0	1 1 2 2 0 0 0 0 0 0 1 1 1 0 0 0	0 0 1	1 2 0 0 1 1 0 0	0200011001	0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0000000000	0000000	000000000	000000000	000000000	••••	000000000	000000000	000000000	000000000	01000000001
21 22 23 24 25 26 27	••••	0	0	0	0	1	1	1 1 1 1	1	1	1	DATA	0 MISSIN MISSIN MISSIN MISSIN	G-	0	0	0	0	0	0	0	0	0	0
27 28 29	0	::::	0	0	0	0	0	0 0	0	0	0	0	::::	000	0	0	0	0	0	0	0	0	00	0
MEAN	0	0	0	0	0	0	1	1 1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

	POL	LUTAN	T - SI	JLPHUF	R DIOX	(IDE							U	NITS	- PAR	TS PE	R HUNI	DREDM	ILLIO	N					
	STA	TION .	- NAN	TICOKE	E GS W	V 70			NO	220	56		М	ONTH !	MAR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	> c * o 1 1 1 1	* 0 C A * 0 A A * 0	0 0 1 1 1 1 0	0 0 1 1 1 1 1 1	0 0 1 1 1 1 1 1	0 0 1 1 1 1	0 0 1 1 1 1 0	0 0 1 1 1 ****	0 0 1 1 1 1 0	0 0 1 1 1 1	0 0 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1				0 1 0 1 1 1 1 1 1	0 1 **** 1 1 1 ****	0 1 0 1 1 1 1 1 1	0 1 0 1 1 1	0 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1
10 11 12 13 14 15 16 17	1 0	* * * * * * * * * * * * * * * * * * *	**** 0 1 0 0 1 0 0	**** 0 1 0 0 1 0	**** 0 1 0 0 1 0	**** 0 1 0 0 1 0	**** 0 1 0 1 1 0	**** 0 1 0 1 1 0	* * * * * * * * * * * * * * * * * * *	**** 1 1 0 1 1 1 0	**** 1 1 0 0 1	- **** 1 1 0 0 1 0	DATA **** 1 1 0 0 0 0	MISS:	O 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0	0 1 1 0 0 0	0 1 1 0 0 0	**** 1 1 0 0 0	0 0 1 0 0 0	0 0 1 0 0 0	0 0 1 0 0 0	0 0 1 0 0	0 0 1 0 0 0	**** 0 1 0 0 0
19 20			****	***	0 * 0 0	* * * *	* * * *	***	***	***	* * * *	****		MISS:		0	0	0	0	0	***	0	0	0	***
21 223 245 267 289 290	0 1 1 1 0 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	001111111111111111111111111111111111111	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**** 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 0 1 1 1 1 1	001100111111	0 0 1 1 0 0 0 1 1 1	0001110000111	* * * * * * * * * * * * * * * * * * *	0 1 1 0 3 0 0 0	1 1 0 0 0 0 0 0 0 0 0 1	1 1 1 ****	**** 1 1 1 0 0 0 0 1	1 1 1 0 0 0 0 1 1	1 1 1 0 0 0 1 1	1 1 1 1 1 0 1 1	1 1 1 1 1 0 1 1 1 1	0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1
31												-	DATA	MISSI	NG -										

PERCENTAGE OF DATA VALID - 66

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANG	CH						
	POLI	LUTAN	T - SI	ULPHU	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUNI	DREDM:	ILLION	i					
	STA	TION	- NAN	TICOK	E GS I	N 70			N	0 220	56		М	ONTH /	APR	72									
HOUR DAY	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	****	**** **** 0 0 1 0 0	**** 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	****	****	****	****	**** 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	****	000000000000000000000000000000000000000	****	0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 **** **** 1 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 0 0 0 0	00000	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 0	****
11 12 13 14 15 16	0 0 0 1 1	0 0 0 0 1 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 0	0 0 0 1 1	0 0 0 1 1	0 0 **** 0 1 1	****	0 0 0 1 1	0 0 0 0 1	0 0 0 0	0 0 0 0 0 1 MISS	0 0 0 0 1 1	0 0 0 0 0	0 0 0 0 ****	0 0 0 0 0 1	0 0 0 0 1	0 0 0 0 0	0 0 0 0 1	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 1
18 19 20	****		0	0 1	0 1	**** 0 1	****	* * * * 0 1	****	0 0	0	0 0	0	****	****	**** 0 0	0 0	****	0 0	0 0 0	0	0 0 0	0 0 0	****	0 0
21 22 23 24 25 27 28 29 30		0 1 0 1 2 ****	****	0 1 0 1 0 0	0 1 0 1 0 0	0 1 1 1 0 0	0 1 0 1 0 0	0 1 0 0 0 0	0 1 1 1 0 0	0 1 1 1 0 0	0 1 1 1 0 0	0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DATA	0 1 0 1 0 **** MISSI MISSI MISSI	0 0 0 0 0 0 0 0 ING -	0 0 **** **** 0 0	00001	0 0 0 1 0 0 0	0 0 0 1 0 0 0	0 0 1 1 0 0 0	0 0 1	1 0 1 0 0 0 0	1 0 1 2 0 0	1 0 1 2 0 0	0 1 0 1 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION .	- NAN	TICOKE	GS V	V 70			NO	2205	6		MC	ONTH J	UN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
DAY 1 2 3 4 5 6 7 8 9	••••	••••	••••	••••	****	****	••••	****	****	••••	0 1		DATA DATA DATA DATA DATA O 0	MISSI MISSI MISSI MISSI MISSI MISSI 0 MISSI	NG - NG - NG - NG - NG - NG - 0	0	0	0	0	::::	0	0 2	0	0 **	••
11 12 13 14 15 16 17 18 19												* * * * * * * * * * * * * * * * * * * *	DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
212 223 245 227 227 228 229 230	1 1 1	1 1 2 2 1 0 0 0	1 1 2 2 1 0 1 0	1 1 2 2 1 0 1 0 1	1 1 2 1 2 1 1 1 0	1 1 2 1 2 1 1 0	1 1 2 1 2 0 1 0	1 1 2 1 1 0 1	2 1 1 0 1 0	0 1 1 2 1 2 0 1 0 1	0 1 0 2 1 1 0 0 0	0 1 0 2 1 1 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 0 2 1	1 1 0 0 0	0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 1 1 1 0 0 0	021111110000000000000000000000000000000		1 1 1 0 0	1 1 1 1 0 0 0 0 0	1 1 1 1 0 0 0 1 0	1 1 1 0 0 0 0 1 1	1 1 2 1
MEAN	1	1	1	1	1	-	1	1	1	1	38	O	0	0	0	0	0	0	0	1	0	1	1	1	1

PERCENTAGE OF DATA VALID - 32

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIR	ONMEN.	T - AIR	M/	ANAGEN	IENT	BRANC	H							
	POLI	UTANT	- SU	LPHUR	DIOX	IDE							U	NITS -	PAR	TS PER	HUND	REDMI	LLION							
	STAT	TION -	NANT	ICOKE	GS W	70			N	2205	6		M	UL HTMC	L	72										
HOUR	1	2	3	4	. 5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
DAY 1 2 3 4 5 6 7 8	0 0	1 0 0 1 2	1 0 0 1 1 0 0 0	00012000	0 0 0 1 2 0 0 0	1 0 0 1 2 0 0 0	1000120000	1 0 1 1 2 0 0 0 0	1011	1 1 0 0 0 0 0	00100000	00010000	0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	001000100	00100000	001000100	001000100	0 0 1 0 0 0	0 0 1 1 0 0 1 0 0	001100100	0 0 1 1 0 0 1 0 0	0 0 1 0 0 0 0	000111000000000000000000000000000000000	0 0 1 1 1 0 0 0 0	
10	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	****	ŏ	ŏ	ŏ	ŏ	ŏ	ī	ī	1	ī	2	2	****	ō	
11 12 13 14 15 16 17 18	0 •••• 2 1	0	0	0	0	0	0	0	0	0	0	0	DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	0 0 0 0 0 0 0 0	1 1 0	1 0	1 0	1 0	2 2 0	2 2 0	2 2 1	2 2 1	2 2 1	0	
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MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	

UNITS - PARTS PER HUNDREDMILLION

	, 000	.017114	- 0.	JET HOL	DION	LUL							O.	141 10	i Air	IO I LI	1 11014	JI LUMI	LLIO	•					
	STAT	TION .	NAN"	TICOKE	GS W	70			NO	2205	6		M	ONTH A	UG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	****	0 1 **** 0 0 0 0 0 0	0 1 **** 0 0 0 0 0	**** 0 0 0 0 0 0	0 1 **** 1 0 0 0 0	0 2 **** 1 0 0 0 0 0	0 2 **** 1 1 0 0 0 0 2	0 2 **** 2 1 0 0 0 0 2	0 2 **** 2 1 0 0 0 ****	0 2 **** 2 0 0 0 0	0 **** 1 0 0 0 0	0 **** 1 0 0 0 0	**** **** **** **** ****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	**** 0 **** 0 0 0 0 0	0 **** 0 1 0 0 0 0 0	0 **** 0 1 0 0 0 0 0 0 0 0 0	0 **** 0 1 0 0 0 0 0 0 0 0 0 0	1 **** 1 2 0 0 0 0 0 0 0 0 0 0 0	2 **** 1 2 0 0 0 0 0 ****	2 **** 1 2 1 0 1 0 ****	2 **** 1 2 1 0 1 0 0 ****	2 **** 1 2 1 0 1 0 0 ****	0 **** 1 0 0 0 0
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31												- 4	DATA	MISSI	NG -										
MEAN	0	0	0	0	0	ì	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0

PERCENTAGE OF DATA VALID - 33

POLLUTANT - SULPHUR DIOXIDE

	POLI	_UTAN	T - SU	JLPHUF	DIO)	CIDE							UI	NITS - F	PART	TS PEF	R HUND	REDMI	LLION	I					
	STAT	TION	- NAN	LICOKE	GS V	V 70			NO	2205	56		M	ONTH SEF	5	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	****								~~~				DATA DATA DATA	MISSING MISSING MISSING MISSING	-										
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11 12 13 14 15 16 17 18 19 20	* * * * * * * * * * * * * * * * * * *	1 4 0 0 0 0 0 1	1 0 1 0 0 0 0 1	101001	10100001	10000000001	1000000	1000000	1 0 0 0 0 0 0 1	1 0 0 0 0 0 0	1 0 0 0 0 0 0 0 2	000000000000000000000000000000000000000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	***	乘乘乘衣	安徽市会	****	***	***	****	***	***	2004	***	***	DATA DATA DATA DATA DATA DATA DATA ****	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	*	0	0	0	0	0	0	0	0	0	***

0 1 0 0 0 0 0 0 0 0 0 0 0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID - 37

0 0 0

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH OCT STATION - NANTICOKE GS W 70 NO 22056 ...0 ...0 ...0 ...0 ...0 ...0 ...0 ...0 ...0 .0 ...0 ...0 ...0 ...0 ...0 ...0 0 ...0 ...0 . 0 DATA MISSING DATA MISSING DATA DATA

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PERCENTAGE OF DATA VALID -

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						ONT	ARIO	MINIS	TRY	OF	THE	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANG	CH						
	POLI	LUTAN	r - s	ULPHU	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUND	REDM	ILLIO	ų.					
	STA	TION	- NAN	TICOK	E GS 1	N 70			N	220	56		M	HTMC	NOV	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY	0	0	0	0	0	0	0		****	0	0	0	0	0			0	0	0	II POST		0	0	0	0
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28	****	****	****	****	****	****	****		1	1	1	1	****		1	1	2	3	4	4	4	4	3	3	1
30	ī	• • • •	ī	ī	1	i	i	i	1	i	i	1	i	• • • •	i	i	i	ò	ò	ò	ò	ò	i	2	1
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UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS W 70 NO 22056 MONTH DEC HOUR DAY 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 1 2 3 2 3 4 5 6 7 8 9 DATA MISSING -DATA MISSING -**** *** 0 0 0 0 0 0 0 0 0 **** 0 0 DATA MISSING 2 2 2 2 2 1 2 2 1 2 2 2 **** 12 13 14 15 16 17 18 19 20 2 1 0 0 2 **** 1 0 0 0 1 1 0 0 0 * * * * * * * * * * * * * * 22 23 24 25 27 28 29 30 DATA MISSING DATA MISSING DATA MISSING 0 0 0 0 0 0 0 0 0 0 **** **** 0 0 0 0 0 0 **** * * * * 0 0 1 * * * * **** 0 ó 0 1 2 ...0 ò 0 ***

PERCENTAGE OF DATA VALID - 55

1 1

1 1

1 1

1 1

1 1

MEAN

POLLUTANT - SULPHUR DIOXIDE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - NANTICOKE GS W 70 NO 22056

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA AVER	AGE CONC	. 24 - HOUR	MAXIMUM	MAXIMUM	READING
JAN	30	0	1	1		1
FEB	25	0	1	1		2
MAR	25	1	1	1		3
APR	26	0	1	1		2
MAY		DATA	A MISSING			
JUN	12	1	2	2		2
JUL	18	0	1	1		2
AUG	14	0	1	1		2
SEP	14	0	1	1		4
ост	24	0		0		1
NOV	18	1	1	1		4
DEC	25	1	:	2		2
YEAR	231	0	3	2		4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - NANTICOKE GS W 70 NO 22056 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY DATA MISSING JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 PERCENT OF DATA MIN 10 30 0 0.1 0.3 9.8 MAX VALID 0.5 0.7 0.9 1.0 1.6 1.8 0.4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - NORTH PARK HAMILTON MONTH JAN NO 29008 24 MEAN DATA MISSING 3 5 11 5 1 0 2 4 7 5 3 0 6 1 1 22 23 24 25 26 27 28 29 30

PERCENTAGE OF DATA VALID -

 MEAN

						ONT	ARIO	MINIS	STRY	OF T	THE I	ENVIR	ONMEN.	T - A:	IR MA	ANAGE	MENT	BRAN	СН							
	POLL	UTANT	r - su	JLPHU	R DIO	XIDE							U	NITS -	- PAR	TS PE	R HUND	DREDM	ILLION	1						
	STAT	ION -	NOR	TH PAR	RK HA	MILTO	N		N	290	80		M	HTAC	EB	72										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	3321662881	3 2 2 1 7 6 2 8 4 1	3222751770	4 2 2 2 7 5 1 6 2 0	3221841	4221831 480	52217720640	4 2 2 1 8 2 0 5 1 0	4 2 2 1 7 2 0 8 2 0	3 3 2 1 6 2 0 5 2 0	3 3 2 1 6 2 1 3 2 0	3 3 2 1 4 2 1 3 2 1	3 4 2 2 4 2 0 1 2 1	3 4 2 2 4 2 0 2 1	3422420211	3 4 1 2 3 2 0 2 1	3 4 1 2 4 2 0 2 1 1	2 3 1 2 4 2 0 2 1 1	1 3 1 2 5 1 1 3 1	2 3 1 2 5 2 2 3 0 1	2 3 1 3 5 2 4 5 0 3	2 3 2 4 5 2 5 5 0 1	2 3 1 5 7 2 7 2 0 1	2 3 1 6 6 2 8 2 0	3 2 2 6 3 2 4 2 1	
11 12 13 14 15 16 17 18 19	0 3 1 0 3 0 0 0 0	031040000	0 2 1 0 7 0 0 0	0 4 1 0 6 0 1 0 0	071030000	1010000	5 12 1 0 3 0 2 0 0	1 13 1 0 4 0 2 0 0	1 12 1 0 1 0 1 0 0	1 11 0 0 0 0 1 0	0 10 1 0 0 0 1 1	1 10 1 0 0 0 1 1 1 0	1 11 0 0 0 0 0 0 1	2 10 0 0 0 0 1 1 0 0	2 11 0 0 0 0 1 1 0	2 9 0 0 0 1 1	1 8 0 1 0 0 1 0 1	1 9 0 0 0 0	2 3 0 1 0 0 0 0	2 1 0 1 0 0 0 0	2 1 0 1 0 0 0 0	2 1 0 1 0 0 0 0 0	2 1 0 3 0 0 0 0	2 1 0 3 0 0 0 0	1 7 1 0 1 0 1 0 0	
21 22 23 24 25 26 27 28 29	0 1 4 3 1 1 1	01321122	0 1 3 4 1 1 2 1 ****	0 2 3 4 1 1 1 1 1 1 ****	0 1 3 4 1 1 1 1 1 1 1 1 1 1	0 2 4 3 1 2 3 0 ****	0 1 2 3 1 2 3 0 * * * *	1 1 2 6 1 2 4 0	5 1 1 3 1 1 6 0 ****	5 0 1 2 4 1 6 0	5 0 1 2 4 1 7 ****	7 0 1 2 2 2 2 6 ****	4 0 **** 3 2 3 3 ****	6 0 2 2 2 4 2 ****	3 0 1 2 2 1 3 ****	**** 0 1 3 2 0 3 ****	3 0 1 3 3 1 4 ****	3 0 1 2 2 1 5 ****	2 0 1 2 2 1 6 ****	3 0 1 2 1 1 6 ****	3 0 1 1 1 0 6 ****	2 1 1 1 1 0 1 1 **** 1	1 3 1 1 1 1 2 ****	0 3 1 1 1 1 0 ****	2 1 2 3 2 1 3 ****	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	- 1	1	2	- 1	2	2	2	

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - NORTH PARK HAMILTON NO 29008 MONTH MAR 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 0 0 2 1 0 1 0 2 3 1 1 .0000 1010: 00120 1 0 1 1 0 1 3 11023: 0000 11032 2001 102: 0010 0 0 1 12 13 14 15 16 17 18 19 20 1101120000 0000000001 ...0 22 23 24 22 26 27 28 29 30

PERCENTAGE OF DATA VALID -

MEAN

						ONT	ARIO	MINIS	STRY	OF	THE I	NVIR	ONMEN	T - A	IR M	ANAGE	WENT	BRANC	CH						
	POLL	UTAN	r - sı	JLPHU	OIO	XIDE							U	NITS	- PAR	TS PE	R HUND	DREDMI	CLLION	ı					
	STAT	TION -	NOR	TH PAR	RK HAI	MILTO	N		N	0 290	08		M	ONTH	APR	72									
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á	1	1	1	1	1	1	- 1	1	1	1	1	1	1	1	1	1	2	2	2	ż	ż	ż	3	ż	ĭ
9	3	3	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	3	6	8	8	6	2
10	4	3	5	6	4	6	5	2	1	2	3	3	3	2	2	3	4	3	3	2	5	5	3	2	3
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16	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	****	••••		0	0	****	****	1	0	1
17	1	1	1	3	1	6	1	2		!	****	!	****	1	****	1	2	1	1		6	5	6	3	
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21 223 245 227 228 229 229 239	2	2	1	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	2	ī	3	3	3	2	3	3	2	4	3	1	2	1	1	. 1	1	1.	1	1	0	1	1	0	2
24	1	1	1	0	1	1	1	1	1	ŏ	0	0	2	0	0	0	0	0	0	0	0	0		****	0
25	0	0	1	0	- 0	9	3	3	9	9	1	1	- 1	1	1	1	1	- 1	- 1	i	4	i	- 1	1	1
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28	1	1	0	0	1	0	3	3	2	1	0	0	1	1	1	2	2	2	2	2	2	4	2	2	. 1
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	POLI	UTAN	T - S	ULPHUF	R DIO	(IDE							U	NITS -	- PAR	TS PE	R HUNE	REDMI	LLION	J					
	STAT	TION -	- NOR	TH PAR	RK HAN	MILTON	ľ		N	2900	80		М	N HTMC	YAN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 9	2011101100100	1 2 1 1 0 1 0 0 0 0	0 7 0 1 0 1 0 0	0 5 1 1 0 1 0 0 0	1 6 1 0 0 1 0 0 0	1 7 0 0 0 1 0 0	1 6 0 0 0 1 0 0 0	2 4 0 0 0 1 0 0 0 1	2 0 0 1 1 0 0 0	2 0 0 1 0 0 0 1	1 1 0 0 1 1 0 0 0	1 0 0 1 0 0 0	1 2 3 0 1 3 0 0 0	1 2 2 0 1 6 1 0 1	1 1 0 1 1 0 0 0	0 4 4 0 1 1 0 0	0 2 3 0 1 2 1 0 0	0 2 3 1 1 3 0 0	0 1 2 1 1 2 1 0 0	0 1 1 1 0 1 1 0 0 1	1 1 0 0 1 0 0 1	0 1 1 0 1 0 1 0 1 0	0 1 1 0 1 0 0 0 0	0 1 1 0 1 0 0 0 0	1 3 1 0 1 1 0 0 0
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21 22 23 24 25 26 27 28 29 30	0 1 0 2 0 0 1 1 3 6	0 1 0 2 0 0 0 1 1 6	0 1 0 2 0 0 0 0 0	1 1 0 1 0 0 0 0 1 2	0 1 1 1 0 0 0 0 0 1 2	0 0 1 1 0 0 0 0 0	0 0 1 4 0 0 0 0 1 1	0 0 1 2 0 0 0 0	0 0 1 2 0 0 1 0 1 2	2 0 1 1 0 0 0 1 1	4 0 1 1 0 0 0 1 1 1	3 0 0 1 0 0 0 1 1	2 0 1 1 0 0 0 1 3 1	2 0 0 1 0 0 1 1 5	1 0 1 1 0 0 1 1 3 2	2 0 1 1 0 0 1 1 3 2	2001100011121	2011001131	30110112333	20111011223	2 1 1 0 1 3 3	1 1 1 0 1 1 2 3	2 1 2 1 0 2 1 3 4 3	1 1 1 1 0 2 1 3 5 3	1 0 1 1 0 0 1 1 1 2 2
31	3	4	2	0	0	0	0	0	0	0	0	0	2	3	1	1	0	0	0	0	* * * *	****	* * * *	***	1
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PERCENTAGE OF DATA VALID - 94

						ONTA	ARIO	MINIS	STRY	OF T	THE . E	ENVIR	ONMEN	T - AIR	MA	NAGEN	IENT	BRANC	ж						
	POLI	UTAN	T - SI	ULPHUR	R DIO	XIDE							υ	NITS - PA	ART	S PEF	HUND	REDMI	LLION	J					
	STAT	TION	- NOR	TH PAR	RK HA	MILTO	N		N	2900	8		М	ONTH JUN		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	**** 1 5 2 0	* * * * 6 4 1 0	**** 7 1 1 0	**** 2 1 1 1	**** 2 2 1 0	* * * * * 1 1 0 1	3 1 1 1 1	**** 2 1 0 1	**** 3 1 1 2	* * * * * 2 1 1 1	3 2 1 1 2	3 2 1 0 1	1 4 1 0 2 DATA	MISSING 2 3 2 0 2 MISSING MISSING	2 5 2 0 2 -	1 5 3 0 2	1 8 3 0 3	2 4 3 0 3	2 5 3 0 4	2 6 4 0 4	1 4 4 0 4	1 5 3 0 3	2 5 3 0 ****	2 5 3 0 ****	**** 4 2 0 2
10	1	0	0	0	0	0	0	ò	Ó	ò	o	0	o	ò	2 0	0	0	0	0	0	0	0	0	0	0
11 12 13 14	0	0	0	0	1	0	0	1	0	0	0	0	0 DATA DATA	0 °° MISSING MISSING		***	***	***		* * * *	****	***	****	***	****
14 15 16 17 18 19	4 4 0 0 0 2	4 4 0 0 0 2	3 4 0 0 0 2	**** 4 3 0 0 0 2	4 3 0 0 0 2	**** 4 3 0 0 0 2	4 3 0 0 0	4 3 0 0 0	4 3 0 0 1 2	4 3 0 0 1 2	4 3 0 0 1 1	**** 4 3 0 0 1	2 5 3 0 0 1 2	3 5 3 0 0 ***	1	3 5 1 0 0	3 5 1 0 0	4 6 2 0 1 1	4 6 1 0 0	4 6 2 0 1 1	4 6 1 0 0 2	3 5 1 0 1 2	3 5 1 0 0 2	4 4 1 0 0 2	5 2 0 0 1
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	3 3 3 3 3 3 7 3										
MEAN	2	2	2	1	1	1	1	7	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STATION	- NOF	RTH PAR	K HAMIL	TON		N	2900	80		M	ONTH SE	Р	72									
HOUR	1	2 3	3 4	5	6 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1										-		MISSIN											
3										-		MISSIN											
4										-		MISSIN											
6											DATA	MISSIN	G -										
é										-	DATA	MISSIN	IG -										
10										-		MISSIN											
												MISSIN											
12										-	DATA	MISSIN	G -										
13												MISSIN											
15										*	DATA	MISSIN MISSIN	G -										
11 12 13 14 15 16 17 18											DATA	MISSIN	G -										
18											DATA	MISSIN MISSIN	G -										
20										•	DATA	MISSIN	G -										
21 22 23										-	DATA	MISSIN	G -										
23										-	DATA	MISSIN	G -										
24 25	****					***				* * * *	DATA	MISSIN	G -	0	0	0	0	0	0	0	0	0	• • • •
24 25 26 27 28 29	0 (0 0			0						0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1 1	1	1	1 1	1	1	1	1	1	1	ĭ	ŏ	ŏ	ŏ	ó	0000	ŏ	0	ŏ	ŏ	ŏ	1
30	0 (0 0	0	0	0 0	0	0	0	0	0	0	0	0	0	ŏ	0	0	0	0	0	0	0	0
MEAN	0 (0 0		0	0 0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 16

						ONT	ARIO	MINIS	STRY	OF '	THE I	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	CH						
	POLL	UTAN	r - si	JLPHU	R DIO	KIDE							U	NITS	- PAR	TS PE	R HUND	REDM	ILLION	4					
	STAT	ION	- NOR	TH PAI	RK HAI	MILTO	N		N	0 290	80		M	ONTH	ост	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0000	0	0		0 0 0	0 0 0	0 0 0	0 0 0	0000	0000	0000	0 0 0	0000	0 0 0 0
6 7 8 9	0	0 0	0	0	0	0 1	0	0	0 1	0	0 1	0	O DATA	MISS		0	0	0	0	0	0	0	0	0	0
11 12 13 14 15 16 17 18 19 20	000000000000000000000000000000000000000	00000	0000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000	00000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0	00 00 00 MISS	0 0 1 NG -	1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0	0000	****	0000	0000	000		
21 22 23 24 25 26 27 28 29 30	0	0	0	***	***	****	****	***	****	***			DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING -	***	***	***		****	****	****	****	****	****
31												1.5	DATA	MISS	ING -										

UNITS - PARTS PER HUNDREDMILLION

STATION - NORTH PARK HAMILTON NO 29008 MONTH NOV 24 MEAN DATA MISSING 0 0 0 0 DATA MISSING 2 3 2 1 ****

PERCENTAGE OF DATA VALID -

 ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

 MEAN

POLLUTANT - SULPHUR DIOXIDE

	POLI	UTAN	T - S	ULPHUR	NOID 8	IDE							U	NITS - P	ARTS	PER	HUND	REDMI	LLION	1					
	STAT	rion	- NOR	TH PAR	RK HAN	ILTON	N		NO	2900	8		M	ONTH DEC	7	2									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1	2	2	2	2	1	1	2	2	2	1		DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		1	2	***	***	***	***	水水水 水	***	***	2
11 12 13 14 15 16 17 18 19 20	****	****	****	1	1	0	****	0	****	1	****	0	DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	1	0	0	0	0	0	1	1 0	0	0	****
21 223 245 227 229 229 239 230													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
31												-	DATA	MISSING	0.5										
MEAN	1	1	2	2	2	1	1	1	2	2	1	1	1	1	2	0	1	1	1	1	1	1	1	0	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - NORTH PARK HAMILTON NO 29008
POLLUTANT - SULPHUR DIOXIDE

01111 8 014	the train trains to the terms			
POLLUTAN	T - SULPHUR DIOXIDE		U	NITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	18	3	6	11
FEB	29	2	7	13
MAR	31	0	2	4
APR	27	1	4	18
MAY	31	1	5	15
JUN	15	2	5	8
JUL		DATA MISS	SING	
AUG		DATA MISS	SING	
SEP	6	.0	1.	1
OCT	19	0	0	1
NOV	4.	0	0	3
DEC	3	1	2	2
YEAR	183	7	7	1.8

		ONTAR	IO MINISTR	Y OF THE	ENVIRONMENT	- AIR MANA	GEMENT BRA	ANCH		
MONTHLY GF	ROUP FREQUE	ENCY CLASSI	FICATION FOR	72						
POLLUTANT	- SULPHUR	DIOXIDE			UNIT	- PARTS PER	HUNDREDMI	LLION		
STATION -	NORTH PARK	K HAMILTON		NO 29008						
	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL			
JAN	309	102	1	0	0	0	412			
FEB	592	65	6	0	0	0	663			
MAR	710	0	0	0	0	0	710			
APR	557	19	2	1	0	0	579			
MAY	684	19	2	1	0	0	706			
JUN	286	22	0	0	0	0	308			
	200				0		500			
JUL		DATA MISSI								
AUG		DATA MISSI	NG							
SEP	116	0	0	0	0	0	116			
OCT	341	0	0	0	0	0	341			
NOV	65	0	0	0	0	0	65			
DEC	49	0	0	0	0	0	49			
YEAR	3709	227	11	2	0	0	3949			
FREQUENCY	DISTRIBUT:	ION BY PERC	ENTILES							
	PERCENT				CONCENTRA					
	OF DATA VALID	MIN	10	FREQUE 30 50	NCY DISTRIBU	TION, PERCEN 90 95	IT 98	99	MAX	ARITH MEAN
	54	0	0.1	0.4 0.7	1.0	3.0 4.5	6.4	7.8	18	1.2

	POLL	JTANT	- SU	LPHUR	DIOXI	DE							UN:	TS -	PART	S PER	HUNDE	REDMI	LION						
	STAT	ION -	BART	ON/WEN	TWORT	н нам.	OAM	ST	NO	29025	5		MON	ITH JA	N.	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	4 4 3 2 2 2 2 5 1	3 3 2 4 1 2 4 1 3 1	4 4 3 4 1 6 3 2 3 1	2325163231	2334122131	2236122123	2227222113	2233232812	2 2 4 5 1 4 3 8 1 2	22352444211	3244232912	3234222611	3 2 3 5 2 4 1 3 1	3 2 3 4 2 3 2 1 1 2	2224332113	2 2 2 3 4 2 1 2 1 4	2 1 2 3 3 2 1 3 1 3	2 2 3 3 1 2 1 2 1 2 1 2	2 2 2 3 1 2 1 3 1 4	2 1 2 3 2 3 1 4 0 4	2 1 1 2 3 3 1 3 1 4	4 5 3 4 3 2 3 1 5	4 1 2 3 5 3 1 4 1 4	5 2 2 3 4 4 1 6 1 6	3234232423
11 12 13 14 15 16 17 18 19 20	3 5 0 0 1 2 3 1	4 2 3 1 1 1 2 3 1 1	3231112312	3222123212	2224112211	2123121211	1 2 2 3 1 2 1 2 1 2	1 2 2 8 1 1 1 2 2 2	2225121211	1 2 2 2 1 2 2 2 2	1221112223	1 1 1 1 2 2 2 1 4	1 3 1 1 1 1 2 1 8	1 1 0 1 1 1 2 2 1 8	1 1 0 2 2 1 2 2 1 7	1 2 0 1 1 1 1 2 1 2	1 1 1 1 2 0 2	1 2 1 1 1 1 1 2 1 3	1 3 1 1 1 1 1 2 2 3	2 1 1 1 2 1 4	3 1 1 1 1 2 2 1 4	3 4 1 1 1 2 2 1 1 4	351121 212102	3 5 1 1 2 1 2 2 1 1	2 2 2 1 1 2 2 1 3
21 22 23 24 25 26 27 28 29 30	1 12 2 1 3 1 1 3 4	4 1 4 2 2 1 2 1 2 2 4	241211215	1 16 1 3 1 1 2 2 2 5	1 18 1 3 1 1 1 3 3 3 4	2 18 1 2 1 1 1 3 2 4	1 11 0 1 1 1 5 3	38111114333	3 10 1 1 1 1 1 4 3 3 3	6 9 2 1 1 1 3 5 3	5 10 1 1 1 1 4 3 3	5 7 1 2 1 1 1 3 2 3	4 4 2 2 1 1 1 1 2 2	4 4 1 2 1 1 1 2 3 2	4 2 1 3 1 1 1 1 3 2	5 2 1 3 1 2 1 2 3 2	4 2 1 3 1 1 1 2 3 2	4 2 1 3 1 1 1 4 2 2	6 2 0 3 1 1 1 3 4 2	2205120252	4 2 0 6 1 1 1 2 3 1	5206110251	5 1 1 4 1 1 1 2 5 1	5 2 1 3 1 1 1 2 5 2	4 7 1 3 1 1 1 3 3 3 3
31	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3	5	5	7	2
MEAN	3	3	3	3	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	3	2

PERCENTAGE OF DATA VALID - 100

						ONTAR	RIO	MINIS	TRY (OF T	HE E	NVIRO	NMENT	- AIF	R MA	NAGEM	ENT E	BRANCH	ŧ						
	POLLU	TANT	- SUI	PHUR	DIOX	DE							UNI	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	BARTO	N/WEN	TWORT	ГН НАМ	A. OA	MST	NO	2902	5		MON	NTH FE	В	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	53 43 1 2 1 0 4	4342022034	5 4 4 2 1 2 1 0 3 4	5 4 4 1 1 2 1 1 5 4	6421121043	7322133056	6422132158	5 4 2 1 3 4 0 5 7	4 4 2 2 1 4 5 0 5 7	3 4 2 2 1 3 4 1 5 6	4 1 2 2 1 3 0 5 5	3 5 1 2 1 1 1 4 3	3 5 1 2 2 1 1 2 3 2	3 8 1 1 1 1 1 2 3 2	1 7 1 1 1 1 2 2 2	2 8 1 1 2 1 2 2 2 2	2811221222	2 8 2 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	2821220322	3 7 2 1 2 2 1 3 3 3	3 4 2 1 2 1 1 3 3 2	3 4 3 1 2 3 1 3 3 3	3 3 4 1 2 2 1 4 3 4	4 3 5 1 2 1 0 4 3 4	4 5 2 1 1 2 2 2 4 4
11 12 13 14 15 16 17 18 19 20	4 4 10 4 20 1 30 1	5485301221	4 7 12 4 4 0 2 3 3 1	3975413210	500440421	6 10 11 4 4 1 5 3 1	7 11 8 3 5 1 4 1	8 1 2 7 3 5 0 5 2 1 3	9 14 9 3 1 1 8 3 1 2	9 14 15 3 0 1 7 2 1 0	7 14 15 3 1 1 10 2 1	4 13 13 4 2 0 8 1	5 12 8 3 2 1 7 1	5 15 6 5 1 7 1 1	6 14 4 1 0 1 4 1 1 2	3 11 3 2 1 1 7 1 1 3	3831004103	3 8 3 1 1 0 3 0 0	3 8 3 1 0 0 2 0 0	4 9 3 1 0 1 1 1	4 6 3 1 0 1 2 1 3	3831013212	4 11 4 1 0 1 4 1 1	4 11 3 2 0 0 2 1 1	5 10 7 3 2 1 4 2 1
21 22 23 24 25 26 27 28 29	0 1 4 2 6 1 1	2 1 1 4 1 5 2 2 3	1 2 1 5 2 7 1 4 3	023538133	033424123	122683133	222683324	2 1 1 8 8 8 3 4 2 3	2 1 1 7 9 2 5 2 3	1 1 1 6 7 2 4 1	3 1 2 1 0 8 2 4 1 2	314532412	4 1 5 6 4 4 4 1 4	3 1 4 6 5 3 2 2 6	2 1 3 7 6 3 4 1 3	2 1 3 6 7 3 4 1 3	2 1 2 4 7 2 5 2 7	1 0 2 4 6 3 5 2 5	1 1 3 2 6 2 6 2 4	1 1 8 1 4 2 7 2 5	1 1 4 2 3 2 5 2 3	1 1 3 3 4 2 5 2 2	1 1 3 2 4 2 3 2 2	1 1 4 1 6 2 2 2 2	2 1 3 5 5 3 3 2 3
MEAN	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	2	2	3	2	3	3	3	3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - BARTON/WENTWORTH HAM. OAMST NO 29025 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 11 0 3 1 0 1 1 0 1 10 0 1 4 0 2 1 10 1 3 2 0 4 10 4 1 3 0 1 6 1 2 1 1 1 2 2 1 1 2 1 1 2 121 131 141 156 167 181 192 202 223 244 256 227 229 30 13 19 12 24 34 10 2 6 8 6 3 14 17 8 13 2 5 7 4 3 4 6 4 8 2 4 8 5 4 17 9 5 9 1 7 11 6 5 10 10 8 8 1 4 8 4 3 4 5 5 6 1 1 6 4 6 23 6 4 7 2 2 3 4 3 3 16 128 5233 10 6 8 1 10 4 2 2 5 4 4 9 20 5 3 5 8 7 0 0 1 1 2 0 0 10 2 1 1 2 0 0 0 0 0 10 1 4 1 0 0 0 1 1 0 2 2 2 2 0 0 0 0 11 022 4 0000 1 11 00 03 1 2 1 0 0 MEAN

PERCENTAGE OF DATA VALID - 99

					,	ONTAR	10 M	INIST	TRY (F T	HE EI	NVIRO	MENT	- AIF	NAM F	NAGEME	ENT E	BRANCE	4						
	POLLUT	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUNDE	REDMI	LION						
	STATIC)N -	BARTO	N/WEN	TWORT	HAM H	OAM	IST	NO	2902	5		MON	TH AF	PR :	72									
HOUR DAY 1	1	2	3	4	5 1	6	7	8	9	10	11	12 2	13 2	14	15 1	16 1	17 1	18	19 1	20 0	21	22 1	23 1	24 M	IEAN 1
2 3 4 5 6 7 8 9	0 1 0 0 2 2 3	002002221	0 0 2 0 0 2 2 2 1	0 0 1 0 0 3 1 2	0 1 0 0 2 2 1 1	0 0 1 0 0 2 2 1 1	0 0 1 0 0 2 2 1 1	1 0 1 0 0 2 2 1 1	0 1 1 0 0 5 2 1 1	1 1 0 1 5 1 1 1	0 1 0 1 5 1 0	0 1 1 0 1 9 1 1 3	0 1 1 0 1 8 0 0	0 1 1 0 1 6 0 0	000015001	0 1 0 0 1 5	0 0 0 1 4 0 0 0	0 1 0 0 2 3 1 0 0	0 1 0 0 2 2 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 2 1 1 0	0 1 0 0 1 1 1 0 0	0 0 0 0 3 1 1 1 0	0 1 0 0 4 1 3 1	0 1 1 0 1 3 1 1
11 12 13 14 15 16 17 18 19 20	0 10 4 1 2 0 0	0 8 1 2 1 2 0 0 6	2040212007	0 0 4 0 3 1 2 0 1 7	1 0 4 1 4 1 2 0 0 8	1 1 4 1 3 1 2 0 0 9	1 3 0 3 1 1 1 0	3 1 2 2 1 1 1 1 1 1 1 1	2 1 3 0 2 2 2 2 1 1 1 1	2 2 1 1 2 1 4 1 1 3	1 5 1 1 2 4 0 8 3	1 4 1 0 2 4 0 4 1 1 1 2	0 6 1 0 2 6 0 2 3	0 5 1 1 2 6 0 1 1 9	0 6 1 1 7 0 1 3 8	0 5 1 1 2 8 0 1 3 6	0 5 1 0 2 8 0 1 2 7	06000190029	0610280025	0 8 0 0 1 7 0 0 2 7	0 5 1 1 7 0 0 2 5	0 4 0 1 1 7 0 0 2 3	0 5 1 4 1 4 0 1 3 3	0 10 0 2 1 3 0 0 4 3	1 4 2 1 2 4 1 1 2 8
21 22 23 24 25 26 27 28 29 30	3 3 1 0 0 1 2 1 1	4 2 1 1 1 1 1 1 1 1 2	4 4 1 1 1 2 1 1 0 2	5 7 1 1 0 2 1 1 1 3	4 6 1 0 0 2 1 2 1 4	6 5 1 1 2 1 2 1 3	4 2 1 1 1 1 3 1 3	6 2 1 1 1 1 2 2 3 7	5 3 1 1 1 4 4 4	5 4 1 1 0 0 5 1 2 0	4 4 1 1 1 1 6 0 1 13	5 3 1 1 2 0 3 0 2 7	6 3 1 1 3 0 2 1 1 6	5 3 1 0 2 0 2 0 5	5 3 1 0 2 0 3 0 1 6	5 3 1 1 6 0 1 0 1 5	3 3 1 7 0 2 1 0	6 2 1 3 8 0 2 1 1 7	8 2 1 1 3 1 1 1 2 5	6 2 1 1 2 1 2 1 2 6	4 2 1 1 1 1 1 1 2 4	4 2 1 0 0 1 0 1 1 5	4 1 0 0 0 1 0 2 1 4	4 1 0 1 1 1 2 2 5	5 3 1 1 2 1 2 1 5
MEAN	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	1	2	2

	POLLU	JTANT	- SUL	PHUR	DIOXI	DE								ITS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	BARTO	N/WEN	TWORT	H HAM.	OAM	ST	NO	29025	5		MON	тн ма	ıΥ	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	6 2 0 1 0 1 1 6 0	5200000060	5100000060	4 1 0 0 0 0 0 0 0 0 0 0	300000000000000000000000000000000000000	300000000000000000000000000000000000000	3000000081	5 0 0 0 0 0 1 8 0	6 0 0 0 0 0 0 0 7 0	4000000070	400000000000000000000000000000000000000	6 0 0 0 0 4 5 0	7 0 0 0 2 0 1 0 3	4 0 0 0 0 0 1 2 2 0	6000001110	6 0 0 0 0 1 1 2	5000001120	4 0 0 0 0 0 1 1	500000000000000000000000000000000000000	4 0 0 0 0 0 0 0 4 1	4 0 1 0 0 0 0 3 1 1	2000001401	1 0 0 0 0 0 0 6 0	1 0 0 0 0 1 0 6	4 0 0 0 0 0 0 0 0 2 4
11 12 13 14 15 16 17 18 19	0 1 2 0 1 1 0 1 2	0 0 0 1 0 0 1 0	0 1 0 0 1 1 1	0 0 0 0 1 0 0 1	0 0 0 1 1 0 0 0 1	0 1 0 0 3 1 0 0 1	0 1 2 0 2 1 0 0 1 2	0250200022	0 1 4 0 2 0 0 0 2 2	0 3 0 2 0 0 0 3 3	0640210043	0 1 10 0 3 2 0 1 3 5	0 10 0 3 1 1 5 3 8	0 12 0 1 2 1 6 2 9	0 10 1 1 1 1 6 3 9	0 10 0 4 1 2 6 3 11	0 9 0 8 1 1 6 3 9	0 1 10 0 6 0 6 3 6	0 7 0 4 0 0 4 4 4 3	1 1 3 1 2 0 0 2 3 3	1 1 3 1 2 0 0 2 3 2	1 0 3 0 2 0 0 1 4 3	1 0 3 0 1 0 0 1 4 2	1 0 2 0 0 0 0 1 2	0 1 5 0 2 1 0 2 2 4
21 22 23 24 25 26 27 28 29 30	1 3 1 7 10 2 0 0	2 0 1 10 11 2 1 0	1 1 0 9 8 1 1	1 1 0 0 9 4 2 1 0 2	1 5 0 6 12 4 2 0 0 1	0 5 0 9 9 1 2 0 1	0 5 2 8 1 1 4 3 1 0	1 3 4 7 6 3 3 1 0 1	0 4 5 8 4 11 2 0 1	0 4 6 11 5 12 1 0	0 3 4 12 4 11 1	0 4 3 10 4 11 2 2	0 5 4 8 3 9 0 5 2 0	0 4 9 8 3 9 3 3 1 0	2 2 6 7 1 9 4 4 2 0	6 2 6 6 1 5 3 1 1 0	5 3 8 8 2 4 3 2 1 0	3 7 8 4 5 5 0 2 0	3 12 4 7 4 6 4 0 1	2 6 1 6 4 11 2 0	1 6 2 5 6 8 1 0 1 0	1 1 4 6 6 1 0	1 1 1 4 6 8 1 0	1 1 4 11 4 1 1 2 0	1 3 3 6 6 7 2 1 1
31	0	0	0	0	0	0	0	0	0	0	3	2	4	1	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	1	2	2	2	2	2	3	3	3	2	3	3	2	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 100

						ONTAR	IO N	INIST	RY C	F TH	IE EI	NVIRON	MENT	- AIF	A MAI	NAGEME	ENT I	BRANCH	ŧ						
	POLLU	TANT	- SUI	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUNDI	REDMIL	LION						
	STATI	ON -	BARTO	N/WEN	TWORT	н нам	. OAN	IST	NO	29025	,		MON	тн ј	JN :	72									
HOUR	1	2	3	.4	5	6	7	8	9	1.0	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9 10	1 0 0 1 1 0 0 0 0	0001011000	0 0 1 1 0 0 0	0 0 8 1 1 1 0 0 0	0050010000	0030010000	0 0 2 1 0 0 0 0 0 0	0 0 2 1 1 1 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 1 1 0 1 1 0 0	0 0 1 0 0 0 0	0 0 1 0 0 0 0	0 0 1 0 0 0 1 0	0 1 1 0 1 0 0 0 0	0010000000	0 0 0 0 0 0 0 0 0	0011000000	0010110000	0 1 0 0 0 0 0	0010000	0 0 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0020010000
11 12 13 14 15 16 17 18 19	0 1 1 1 0 0 0 0 0 1	0 0 1 1 0 0 0 0 1	002000000000000000000000000000000000000	0 0 1 1 0 1 0 2	0 0 1 1 0 0 0 0 0 0 2	0 0 1 1 0 0 0 0 0 1	0 1 1 0 0 0 0 0 1	0 0 1 2 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 1	0 0 1 0 0 0 0 1	0 0 1 0 0 0 0 1	0 0 1 0 0 0 0 0	0010000001	0 0 1 0 0 1 0 0	0 0 1 0 0 0 0 0	0 1 1 0 0 0 0 0 1 1	0 1 1 0 0 0 0 0	0 0 0 0 0 0 1 1	0 1 1 0 0 0 0 0 0 1 1 1	0 1 1 0 0 0 0 0 1	0 1 1 0 0 0 0 0 1 1	011000000000000000000000000000000000000	001000000011
21 22 23 24 25 26 27 28 29 30	1 0 0 0 0 0 0 1 1 0 0	100000000000000000000000000000000000000	1 1 0 0 0 0 0 0 0 1 0	1 0 0 1 0 0 0 0 0	1 0 0 0 0 0 0 1 0	1 0 1 2 0 0 0 0	1009000120	1 0 0 5 0 1 0 1 1 0	20020011	1 0 3 1 0 0 1 0 0	1 1 0 1 0 0 0 1 2 0	10000011113	10001001001	1 0 0 1 1 1 1 0	1000010101	1000001111001	1010111101	100000011000	1 0 0 0 0 1 1 1 1 0 0	1000001111001	10000011100	0 0 1 1 0 0 0 2 0 0	000000111000	0 0 0 0 1 1 0 0 0	1 0 0 1 0 0 0 1 1 0 0
MEAN	0	0	0	1	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE BARTON/WENTWORTH HAM. OAMST NO 29025 MONTH JUL STATION -24 MEAN 1 1 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTAR	10 M	INIST	RY (OF TH	E E	NVIRON	MENT	- AIR	MA	NAGEM	ENT I	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUNDI	REDMIL	LION						
	STATI	ON -	BARTO	N/WEN	TWORT	H HAM	. OAM	ST	NO	29025			MON	TH AU	JG.	72									
HOUR DAY	-1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8	100000000000000000000000000000000000000	00000000	000000000	100000000	000010000	00000000	000000000	100000000000000000000000000000000000000	000100000	000100100	000100100	000100	1 0 0 1 0 0 0	030100100	000100100	0000100100	0 0 0 1 0 0 1 1 0	010100120	0 0 0 1 0 0 1 0 0	0001001	01010000	010000100	000100000	000000000	000010001
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
11 12 13 14 15 16 17 18 19	0 0 0 4 1 1 0 1 0	0000411000	0 1 0 1 3 1 1 0 0	1 0 0 4 1 1 0 0 0	1 0 0 0 3 1 1 0 0 0	1001312000	0100312000	0000312001	0001322001	1000021111111	00000000000	000000000000000000000000000000000000000	0 1 1 2 3 2 0 1 2	0 1 1 2 3 1 0 1	0 1 2 1 2 2 1 0 0	0 1 2 2 1 1 0 0 2	1 0 2 1 3 2 1 0 1 0	0 2 1 1 3 1 1 0 1 0	0 1 3 1 3 1 0 0	0021210000	0011210000	0 0 1 1 1 0 0 0 0	0002110000	0 0 3 1 1 0 0	0 0 1 1 3 1 1 0 0
21 22 23 24 25 26 27 28 29 30	011000021	0101100021	0 1 0 1 1 0 0 0 2	0 1 0 1 1 0 0 0 2	0 1 0 1 1 0 0 0 0 2 1	0 1 0 1 1 0 0 0 2	0 0 0 1 1 1 0 0 2 1	0 0 1 0 1 0 0 2	0 0 0 1 0 0 1 0 2	0 0 1 1 0 1 0 1 2	00110000000	0 0 1 1 0 0 1 1 2 2	0 1 2 1 0 3 2 *	0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 0 2 2 2 3	1 1 1 0 0 0 2 2 2 3	1 1 2 1 1 0 0 2 3 2	1 1 1 0 0 0 0 2 4 2	1 1 1 0 0 0 2 3	1 1 1 0 0 0 2 2 2 2	1 1 2 1 0 0 0 2 2 1	1 1 1 0 1 0 2 2 1	1 0 0 0 0 0 2 1 1	1 0 1 2 0 0 0 3 1	0 1 1 0 0 0 1 2 2
31	-1	1	1	1	1	1	1	1	2	1	2	2	3	0	0	0	0	1	0	0	1	0	0	0	1
MEAN	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	4	1	1	1	1	1	0	0	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - BARTON/WENTWORTH HAM. OAMST NO 29025 MONTH SEP HOUR 12345678910 112341567178190 24 MEAN Ó 1 1 0 0 1 0 0 1 22 23 24 25 26 27 28 29 30 MEAN

PERCENTAGE OF DATA VALID - 100

					0	NTARI	O M	INISTRY	0	F TH	E E	NVIRON	MENT	- AIR	MAI	NAGEME	ENT I	BRANCH	1						
	POLLUTA	ANT	- SULF	HUR	DIOXID	E							UNI	TS -	PART:	S PER	HUNDI	REDMIL	LION						
	STATIO	N -	BARTON	I/WEN	TWORTH	HAM.	OAM	IST	NO	29025			MON	тн ос	Т	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	0 0 2 1 2 1 0 0	0002120000	0002110000	0 0 2 2 1 0 0 0	0 1 1 3 0 0 0 0	0 1 1 1 2 0 0 0 0	0 1 2 2 1 0 0 0 0	0002100000	0 0 0 2 1 0 0 0 0	0 1 1 2 1 0 0 0	0 1 1 4 0 0 0	0 1 1 4 3 0 0 0 0 0 0	0125200000	011520000	012630000	0254200000	0 1 5 3 3 0 0 0 0 0	0133200000	013240000	0 1 3 4 4 0 0 0 0	0122300000	0122310001	0 1 2 1 3 0 0 0 0	0123500001	0 1 2 3 2 1 0 0 0
11 12 13 14 15 16 17 18 19 20	1 0 0 0 1 1 2 1 1 0 0	1 0 0 0 0 1 2 2 0	1002102200	0000002213	1001002213	10000012213	1020102213	1000102223	1 0 1 0 1 0 2 2 4 2	10000111311411	0 0 0 0 1 2 1 1 5 1	0 0 0 1 0 3 2 1 3 1	21000133121	0000143012	0 0 0 0 1 3 2 0 2 1	0 0 1 0 1 3 1 0 2 1	0000021012	0020121001	0000023102	00000021101	0 0 0 0 1 1 2 1 0 1	0000022001	0000023111	0003221101	0 0 0 0 1 2 2 1 2 1
21 22 23 24 25 26 27 28 29 30	2 1 1 1 0 1 1 0 1 0 1 0	2 1 0 1 1 1 1 0 1 0	2 1 1 1 0 1 0 1 1 0 0 1 1 0 0	2 1 1 0 0 0 2 0 0 0	3 1 1 0 0 1 1 1 1 0 0	3 1 0 0 0 1 0	3 1 2 0 1 1 1 0 1 0	3 1 2 0 0 1 1 0 1 1	4 1 1 0 0 1 1 1 1	4 1 1 0 0 1 1 0 0 1 1 0 0	3 1 1 0 0 1 0 1 1 0	2111020110	2 1 1 0 1 2 1 1 1 0	1 1 0 2 2 1 1 0 1	1 1 1 1 1 2 1 1 3	1 1 1 0 1 1 2 1 1 4	1 1 1 0 1 1 1 0 5	1100111115	1 1 0 1 1 1 2 1 6	1 1 0 0 2 1 0 1 0 6	10010011111116	1 1 0 0 0 0 1 1 0 6	1 1 0 1 0 1 1 0 2	1 1 1 0 1 0 1 1 0 3	2 1 1 0 1 1 1 1 1 2
31	2	3	3	3	5	3	5	7	6	5	6	6	5	3	6	8	7	6	4	4	4	3	3	3	5
MEAN	1	1	1.	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION BARTON/WENTWORTH HAM OAMST NO 29025 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 ** 21 12 01 00 1 MEAN

PERCENTAGE OF DATA VALID - 99

)	ONTAR	10	MINIST	TRY (OF TI	HE E	NVIRO	MENT	- AIF	AM F	NAGEM	ENT I	BRANCH	4						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS .	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	BARTO	N/WEN	TWORT	H HAM	. OAI	MST	NO	2902	5		MON	ITH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	1 1 2 2 2 2 3 0 2 1	1 1 2 4 1 3 1 3 1	1 1 3 0 1 3 0 2 1	0 1 2 6 0 1 3 0 2 1	1 1 2 4 0 1 4 0 3 1	1 1 3 0 4 0 5 1	1 1 4 0 0 4 1 10 6	0 2 1 6 0 0 4 0 1 5 8	0 2 1 5 0 0 1 1 1 1 1	0 2 1 3 1 0 0 0 10	0 1 4 3 0 0 0 1	0 2 0 5 1 0 0 0 1	0 1 0 3 0 0 0 0	0 1 1 4 0 0 1 0 0 9	4 2 1 1 0 0 1 1 8	0 1 1 0 2 0 0 0 0 8	1 2 1 0 2 3 1 0 8	0223230108	1 2 1 2 3 4 1 2 0 7	1 2 3 3 1 2 1 6	1313231216	1322331206	1222231216	1221241215	1 2 1 3 1 1 2 1 3 6
11 12 13 14 15 16 17 18 19 20	5 3 2 0 1 0 1 1 3 3	4 1 1 1 0 1 2 3 3	5 4 0 1 2 0 0 2 4 3	4 4 0 1 1 0 1 1 4 3	4 3 0 1 1 0 1 1 5 2	5 4 0 0 2 0 1 1 3 4	5 4 0 1 1 0 1 1 2 5	5 3 0 1 1 0 1 0 2 4	5 3 0 1 1 0 1 1 2 6	22011001027	0 3 0 1 1 1 1 2 2	0 3 0 1 1 1 0 2 2 3	0 2 0 0 1 0 1 3 1 4	0 1 0 1 1 1 1 3 1 3	0 2 0 3 0 1 3 1	2 2 1 1 3 0 1 3 2 5	1 2 0 1 3 0 1 3 2 6	2 1 0 1 2 0 1 3 1 6	2 2 1 1 2 0 1 3 1 4	2 1 1 2 1 0 2 3 1 3	2 2 1 1 1 0 1 3 2 3	3 1 2 0 1 1 3 2 4	4 1 2 0 1 2 3 2 4	4 4 1 1 0 1 1 3 2 4	3 0 1 1 0 1 2 2
21 223 24 25 26 27 28 29 30	4 6 3 4 4 4 0 0 2 1	5 6 3 4 5 3 0 0 1 0	5 5 3 6 4 3 0 0 1	6 5 3 7 5 2 0 1 2	5 7 3 5 4 2 0 0 2	4 4 2 0 0 3 2	3735420042	4 4 6 3 2 0 0 2 1	5445420025	3 4 4 6 4 2 1 0 1 3	3 4 4 3 1 0 2 2	2 3 4 4 4 3 1 0 4 1	5353430123	5 3 3 3 1 0 1 8	4332230019	5 3 2 2 3 2 0 0 1 7	4322220118	6323220118	4 3 2 4 3 2 0 2 1 1 3	6 3 3 3 4 2 1 1 0	6333321115	9333331105	7 3 3 4 3 2 1 1 0	6 2 4 4 3 1 1 1	5 4 3 4 4 2 0 0 2 5
31	9	7	8	7	9	5	4	3	2	2	3	3	3	1	1	1	1	0	0	0	0	0	0	0	3
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025 POLLUTANT - SULPHUR DIOXIDE

POLLUTANT -	SULPHUR DIOXIDE			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	7	18
FEB	29	3	10	15
MAR	31	3	9	23
APR	30	2	8	14
MAY	31	2	7	12
JUN	30	0	2	9
JUL	31	0	1	4
AUG	31	1	3	4
SEP	30	1	2	4
OCT	31	1	5	1.4
NOV	30	2	6	10
DEC	31	2	6	17
YEAR	366	2	10	23

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANAG	EMENT BRANCH	ì	
MONTHLY G	ROUP FREQUE	NCY CLASSIFIC	CATION FOR	72					
POLLUTANT	- SULPHUR	DIOXIDE			UNIT	- PARTS PER I	HUNDREDMILLIO	N	
STATION -	BARTON/WEN	TWORTH HAM.	OAMST N	0 29025					
	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL		
MAL	682	54	5	3	0	0	744		
FEB	561	118	1.4	3	0	0	696		
MAR	588	135	13	7	0	0	743		
APR	632	81	7	0	0	0	720		
MAY	628	102	1 4	0	0	0	744		
JUN	716	4	0	0	0	0	720		
JUL	742	0	O	0	0	O	742		
AUG	743	0	0	0	0	0	743		
SEP	720	0	0	0	0	0	720		
ост	718	25	1	0	0	0	744		
NOV	627	86	0	0	0	0	713		
DEC	655	84	2	2	0	0	743		
YEAR	8012	689	56	15	0	0	8772		
FREQUENCY	DISTRIBUTI	ON BY PERCENT	TILES						
	PERCENT OF DATA VALID	MIN	10 30		CONCENTRAT CY DISTRIBUT	IONS ION, PERCENT 90 95	98 9	9 MAX	ARITH MEAN
	99	0	0.2 0.1			3.7 5.7		.6 23	1.6
			A 1.00			S			1.0

						0111711	10									11 10cm			2.7						
	POLLU'	TANT	- SI	ULPHUR	COID	(IDE							UN	TS -	PART:	S PER	HUND	REDMI	LLION						
	STATIO	ON -	67 (COLLEGE	ST	TORONT	O OAM	MST	NO	3100	1		MON	ITH JA	N :	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	6 4 2 6 5 9 1 4 4	3225695244	4 3 2 6 6 10 5 2 3 5	4 3 5 6 1 1 4 5 3 5	4 3 4 4 5 1 1 4 6 3 5	2 3 4 4 5 25 3 10 4 6	2 3 4 4 5 5 10 7 2 6	2252645726	2 7 3 7 5 5 7 3 8	3 2 6 3 7 6 6 6 2 7	4 1 4 3 5 5 5 5 5 5 2 6	3 1 4 5 5 6 4 5 1 15	3 1 3 6 2 6 2 6 3 4 2 5	2 2 3 3 2 11 2 3 2 5	2333252335	33244513333	130224	4 1 3 3 2 5 1 2 3 5 5	3 1 2 3 3 9 1 2 3 4	5 1 3 9 1 2 1 3 3 3 3 3	6223861323	1 2 2 6 5 1 3 5 4	4 2 4 3 6 5 0 4 3 4	4 2 4 3 6 7 1 4 4 7	3 2 3 4 5 9 3 4 3 7
11 12 13 14 15 16 17 18 19	9370200863	8 5 7 0 2 0 1 7 1 4 3	8 4 9 0 2 1 1 5 3 2	8 4 5 1 1 1 2 4 4 2	6 3 5 3 2 2 1 4 3 4	4 4 5 2 1 3 1 4 4 6	4 5 6 5 1 8 10 4 5 3	3 4 6 6 1 10 7 5 3	3 6 4 7 1 14 14 7 5	3 6 12 9 2 11 2 4 2 3	3 6 4 6 2 10 2 6 2 3	2 6 5 3 2 9 4 8 2 3	4 4 2 2 3 2 4 6 1 4	3 0 2 3 2 5 7 2 4	4 3 1 6 3 0 5 5 5 1 3	2 5 0 6 2 1 4 4 4	2 5 0 13 3 6 5 3 4	3 4 0 8 2 1 1 7 6 3 5	1 3 0 13 1 9 4 5 5	4 3 0 3 2 4 4 5 5	4 2 0 1 1 3 4 4 5 5	4 3 0 2 2 0 4 3 4 6	4 4 0 0 1 1 3 3 2 2	5 7 1 3 0 0 4 4 4 4 2	4 4 3 4 2 4 4 5 4 4
21 22 23 24 25 26 27 28 29	4332252243	4 2 2 1 2 4 3 3 4 4	3322654234	4 3 1 1 2 3 3 2 2 6	4 4 1 0 1 3 2 3 2 7	6310144333447	4 3 2 1 0 2 4 3 4 5	7 5 2 0 0 3 6 6 5 5	8 5 2 1 1 4 6 7 5	3 4 2 11 1 4 5 7	9 5 1 10 3 3 5 7 3 8	5 4 1 6 3 3 3 6 3 4	3 4 1 3 3 4 3 5 2 2	3 5 0 2 5 4 2 4 2 3	5512453414	5 2 1 2 4 10 1 3 3	4322541233	4 4 2 2 5 2 2 2 4 4	4 2 2 1 5 3 1 2 4 3	3 2 2 4 3	3212341252	3 1 2 4 6 2 4 7 2	3 1 1 5 3 2 3 5 2	3 1 1 5 2 2 4 4 2	43123443445
31	2	3	3	4	4	5	5	5	6	5	3	3	3	2	3	3	5	11	17	9	6	8	8	6	5
MEAN		2		0.00			- 4		-					~	•			20		•			~	•	

PERCENTAGE OF DATA VALID - 100

						ONTAR	RIO	MINIS	TRY	OF T	HE E	NVIRO	MENT	- AII	AM F	NAGEM	ENT	BRANCI	н						
	POLLU	TANT	- SUI	PHUR	DIOX	IDE							UN:	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	67 C	DLLEGE	ST	TORON	TO OAI	MST	NO	3100	1		MON	NTH F	В	72									
HOUR	1	2	3	4	5	6	7	8	9	10	1 1	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	5 3 7 1 3 3 2 4 5	6435135555	5423239255	8 5 2 4 3 5 1 4 1 3 5	10 1 2 3 2 4 12 2 4 9	6 2 3 3 1 3 0 2 5 6	9 3 0 4 1 2 10 3 8	8 2 4 3 2 3 10 3 4 9	7 2 3 5 2 3 1 1 2 4	9 2 3 4 2 4 8 5 3 12	8 2 2 3 2 3 7 5 2 0	7 3 2 2 2 3 5 3 2 1 4	4 2 3 2 2 4 3 3 2 2 1 2	3322272324	2324341422	7 22 3 1 3 0 3 2 5	7 22 2 1 3 2 2 1 3	7 3 2 0 1 2 3 2 1 2	9 2 4 1 1 3 3 3 1 2	9343133422	9221243342	8332231342	7 4 4 2 2 4 1 3 1	5351443230	7 3 3 3 3 2 3 5 3 3 6
11 12 13 14 15 16 17 18 19	1 8 13 5 2 1 0 4 2 3	2 8 13 3 4 3 1 4 3 4	1 9 14 2 4 2 0 4 6	5 9 13 4 5 6 0 3 4 3	12 14 3 4 6 1 4 3 4	13 12 3 4 5 0 4 7	5 16 10 35 55 05 64	5 17 10 3 5 5 0 5 6 4	6 18 9 4 5 4 2 6 6 5	3 17 7 2 2 3 1 3 6 5	3 23 5 4 1 0 3 6 6	7 23 5 3 4 0 3 5 7	4 15 7 3 1 5 3 6 4	7 14 6 2 1 0 3 3 5 3	5 16 6 2 0 1 6 1 5 4	10 19 6 2 0 1 4 1 5	10 18 6 2 2 0 3 3 7 5	6 14 7 2 0 2 3 2 10 6	5 15 6 1 0 5 3 2 6 5	16 6 1 0 3 4 4 4 5	12 6 2 1 0 5 4 3 5	6 8 5 1 1 2 5 2 3 4	6 11 6 1 0 1 5 2 3	6 13 6 1 0 1 4 2 3	5 14 8 2 2 2 2 3 3 5 4
21 22 23 24 25 26 27 28 29	7 3 10 12 13 4 3 5	11 2 10 9 11 4 3 5	13 4 8 10 10 4 4 5 5	12 5 8 9 11 5 4 8 6	8 9 9 14 21 5 8	7 5 13 8 14 25 7 7	8 4 13 7 15 24 9 6	8 6 13 8 14 29 10 5 16	10 3 7 9 11 22 10 5	6 5 3 10 11 18 7 6	9 5 2 13 11 8 5	12 3 9 13 14 6 7	14 3 4 8 11 9 6 6	14 5 2 7 8 12 4 6 3	11 4 2 6 6 9 6 7 4	10 7 2 6 6 6 4	12 3 6 5 7 5 2	7 2 2 7 5 4 6 7 5	623653585	6 2 3 5 5 3 7 10 5	3 5 4 6 5 3 6 9 1	3 6 3 6 5 3 6 7 1	2 6 4 6 3 4 5 7 1	2 5 7 8 3 3 5 6 3	8 4 6 7 9 10 6 7 6
MEAN	5	5	5	6	7	7	7	7	7	6	5	6	5	5	4	5	4	4	4	4	4	4	4	4	5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH MAR HOUR DAY 24 MEAN 1 0 0 1 13 3 1 5 3 0 0 0 0 2 5 10 2 7 3 2 3 4 5 6 7 8 9 10 1 2 4 12 13 14 15 16 17 18 19 20 153 423 185 4 93 43 55 10 7 9 3 4 2 6 2 3 11 9 19 3 3 5 12 2 4 2 2 2 2 1 8 9 6 11 3 4 2 3 25 9 3 10 3 4 3 6 24 12 9 7 8 4 4 3 3 15 8 4 1532 4 12 4 2 3 2 4 7 4 34 22 87 13 2 4 3 2 1 7 2 14 2 21 3 3 2 1 9 2 8 0 9 7 3 3 2 5 1 2 7 4 9 10 22 23 24 25 26 27 28 29 30 13 2 0 4 7 3 4 19 0 1 6 7 33 0 5 4 26 0 0 5 4 22 0 1 21 0 26 65 69 5 0 1 9 0 1 5 5 4 5 5 2 10 0 4 5 7 10 0 6 4 5 4 4 6 1 1 2 0 4 5 3 5 4 3 3 12 0 5 6 4 3 3 3 3 14 0 3 6 4 3 3 4 26 0 0 4 3 23 0 0 4 3 3 3 3 3 3 3 0 7 10 4 4 2 3 4 3 4 0 MEAN

PERCENTAGE OF DATA VALID - 100

						ONTAR	RIO	MINIS	TRY	OF T	HE E	NVIRON	MENT	- AIF	R MAI	NAGEM	ENT E	BRANCI	н						
	POLLU	TANT	- SU	LPHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUNDI	REDMI	LLION						
	STATI	ON -	67 C	OLLEGE	ST	TORONT	O OA	MST	NO	3100	1		MON	TH AF	PR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
2 3 4 5 6 7 8 9	9 3 7 1 3 4 7 5 5 0	8 3 5 7 4 4 6 5 8 1	7 4 6 7 4 4 7 4 22	8 4 5 5 4 4 7 6 13 1	9455333660	11 4 7 8 3 7 8 6 12 0	8568268510	8 5 8 8 2 5 7 4 11	8 5 7 6 0 4 7 5 1 0 2	7 5 6 6 1 5 4 5 8 6	6 4 6 5 1 4 5 5 8 6	7 4 6 6 5 6 5 6 5 4 8 6	7 3 5 5 0 7 4 4 0 7	6265083306	6 8 7 2 1 8 2 3 1 4	5 7 6 2 3 8 3 2 1 3	4 7 8 1 3 8 3 3 1 1	5762395211	4 7 6 2 3 7 4 2 1 2	4 6 7 2 3 7 3 2 1 3	4 8 7 2 5 6 4 2 1 4	5793565303	4 7 8 3 4 8 4 3 0 2	3 7 8 3 4 8 5 5 0 4	6675365463
11 12 13 14 15 16 17 18 19 20	7 7 4 0 1 2 3 3 4 0	1 9 3 0 2 3 2 2 1 0	3830242130	3 8 3 0 1 4 0 0 2 0	8 8 4 0 1 4 1 0 1 0	8840024550	9 7 5 1 1 3 6 7 5 0	11 12 6 2 1 4 4 9 4	16 11 61 13 20 62	13 11 22 1 2 1 8 5 3	12 8 2 0 2 2 7 4 3	12921211523	5 3 4 2 1 1 2 7 5 3	2342222925	3422546741	3 4 2 1 3 2 4 4 1 2	1 3 1 3 2 1 3 5 1 2	1312303512	1 2 0 2 2 1 3 3 1 3	1 1 0 1 1 0 2 6 1 4	2101012513	3 0 0 1 1 0 4 3 1 3	2002113902	3 0 0 0 1 1 3 13 1 3	5 5 2 1 1 2 3 6 3 2
21 22 23 24 25 26 27 28 29 30	3 3 3 3 1 7 6 7 7 3	0 3 1 1 5 7 6 6 4	2 3 3 1 1 5 8 6 7 3	2430268663	1330179653	4 3 4 3 2 9 8 7 6 3	5 3 4 4 3 9 8 10 6 4	34555379154	3364466154	5353385943	3263265032	3432165841	1 3 3 3 3 2 6 6 7 1 8	2233245719	2331365610	2222465918	3321355711	4321456513	2 2 3 1 4 6 6 7 1 17	233 146 87 12	2 4 2 0 5 7 8 7 1 1	2 4 3 1 8 6 1 0 6 2 1 5	22328686 1414	2332768632	3 3 3 2 3 6 7 7 4 7
MEAN	4	4	4	4	4	5	5	6	5	5	4	4	4	4	4	4	3	4	4	3	4	4	4	4	4

	POLL	JTANT	- SU	LPHUR	DIO	(IDE							UN:	ITS -	PARTS	S PER	HUNDE	REDMI	LLION						
	STAT	ION -	67 C	OLLEGE	ST	TORONT	O OA	MST	NO	3100	1		MON	NTH MA	AY 3	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	12020062121	16 31 01 4 23 21	20 1 0 1 5 3 2 2	12 2 1 0 1 4 2 1 3 2	16 2 1 1 5 3 3 4 3	18 1 2 2 2 6 3 4 4 5	17 23 22 7 4 4 3	16 4 3 2 8 4 3 3 3	14 4 3 1 7 3 2 2 2 2	12 4 5 3 1 5 2 3 2 2	11 4 32 02 4 32 2	12522113321	1033222633331	7152272232	5131262221	4 0 2 1 3 7 4 2 3 1	3022356231	3021357222	4 4 5 2 2 1	4010344221	4011435223	3 0 1 0 11 2 6 3 2 6	2 0 1 1 1 1 5 3 3 6	0 1 1 6 1 3 3 2 8	9221354333
11 12 13 14 15 16 17 18 19	4 5 6 0 1 0 6 1 4 2	4 8 4 0 1 0 7	3 4 10 5 0 1 0 7 14 1	3 4 8 5 0 3 0 8 3 2	6 5 6 1 1 2 1 9 0 3	6 7 8 1 0 2 1 10 0 3	7 8 8 0 0 2 2 1 1 1 3	6 8 7 0 1 2 1 11 1	6 4 6 2 3 2 1 1 2 3 4	3 6 5 3 1 12 4	2 3 5 5 5 10 2 13 4	1 1 5 5 5 5 9 1 13 3	1 5 7 5 5 1 13 4 3	2 1 5 8 3 3 0 14 3 3	3 5 8 3 1 0 14 3 5	4 3 5 5 3 0 4 14 4	3 2 5 3 3 0 5 14 4	3 2 4 4 1 0 5 14 4 3	3 4 3 1 0 5 14 4 3	4 7 5 3 2 0 5 14 3 2	4 4 3 1 0 5 14 3 2	6 3 4 3 2 0 5 14 4	6 5 3 2 0 6 1 4 3 3	5 5 6 3 2 0 6 1 4 3 3	4 6 4 2 2 12 4 3
21 22 23 24 25 26 27 28 29	3 2 3 2 3 1 4 3 1 5	3 2 3 0 0 0 4 5 0 5	9220025406	3 4 0 0 3 4 4 0 6	4 2 6 3 4 4 6 4 1 4	4 3 6 4 3 4 5 6 3 4	6273357945	16 29 33 55 4 11 4 5	8 3 7 3 6 3 1 2 3	7 3 5 3 2 5 5 5 5 5 1 3	7 3 5 4 2 6 5 6 1 2	5 3 5 4 3 2 3 3 0 3	6 2 4 3 5 4 4 3 1	6 3 4 3 5 2 4 3 6 3	5231623463	5 3 1 5 4 4 2 7 4	5 3 2 4 2 4 2 7 3	63 82 4 54 27 3	5 3 10 2 4 4 5 2 7 3	3 4 5 3 4 4 5 0 3 2	3 5 3 4 5 6 0 4 4	3 8 10 4 4 3 4 1 3 6	3 4 6 4 4 4 3 0 2 5	2533442314	535334444334
31	3	2	2	3	2	1	4	4	4	5	6	4	3	2	4	3	3	3	3	3	3	3	3	2	3
MEAN	3	3	4	3	4	4	5	5	5	4	4	4	4	4	3	4	3	4	4	3	3	4	4	3	4

PERCENTAGE OF DATA VALID - 100

						ONTAR	10	MINIST	RY (OF TI	HE E	NVIRO	NMENT	- AIF	R MA	NAGEMI	ENT E	BRANCH	1						
	POLLU	JTANT	- SUL	PHUR	DIOX	IDE							UN:	ITS -	PART	S PER	HUNDE	REDMI	LION						
	STATI	ON -	67 CC	LLEGE	ST	TORONT	0 OA	MST	NO	3100	1		MON	L HTM	JN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 1 6 4 1 0 1	0 2 18 3 2 0 0 1 0	025320000	0 1 8 4 2 0 0 0 0	1453221100	2843202210	395331221	495522321	4 10 6 5 3 4 2 2 1	6 3 3 2 2 1	7 5 3 2 1 2	1 12 8 5 2 3 2 1	5 3 1 1 2 2 1	1 5 6 3 3 0 3 1 2 0	255313211	355412411	4 4 6 3 1 2 4 1 1	4 1 6 3 0 3 2 1 1	4 1 4 2 0 3 2 1 1	315203221	215302211	228403210	234213320	2242222	246322211
11 12 13 14 15	0 0 5 0 0	003200	0 0 2 0 1 0	0 0 2 0 0 0	0 0 2 1 2 0	0 2 2 3 2 0	0 022630	0 0 2 2 5 1 0	0 2 2 2 5 3 1	0 1 3 2 4 2	0 4 1 4 2 2	0 3 1 2 0 3	0 3 1 2 0 6	0 3 1 2 0 3	0 3 5 1 0 2	0 4 1 1 0	0 4 0 1 0	0 3 0 1 3	0 0 3 0 2 0 1	0 4 0 1 0	0 2 4 0 1 0	1 6 0 1	1000	0 10 0 0 0	0 3 1 2 1
17 18 19 20	2 1 0 0	1 0 0	1 0 0	1 0 0	1 1 0 2	1 1 1 3	1 1 3 4	1 1 4	1 0 3 3	1 0 2 2	1 0 2 2	1 0 3 2	1 0 2 2	1 0 3 2	0 1 3 2	1 1 2 2	1 1 2 1	1 1 2 2	1 2 1	1 1 2 1	1 2 1	1 1 4	1 1 1 5	3 1 0 1	1 2 2
21 22 23 24 25 26 27 28 29 30	1000630100	1 0 0 0 3 1 0 2 0	10000	1 0 0 0 3 2 0 0	1 0 0 0 3 3 1 0	2 1 0 0 3 2 1 3	3 1 1 1 2 2 3 7 1 0	2 1 1 1 2 2 4 5	2 1 1 1 2 2 5 4 1 0	2 1 1 1 1 2 4 2 1	7 1 0 2 2 3 5 2 2 0	3 1 1 1 2 2 7 2 1 0	4 1 0 1 1 2 4 2 1 0	1 1 1 1 2 4 3 1 1	1 0 1 2 1 5 2 1 3	1 1 0 2 1 1 1 4 2 1 3	1 0 2 1 1 4 3 1 5	1 0 1 1 4 5 3 0 3	1 1 0 2 1 3 3 2 1 4	1 1 0 2 1 3 1 2 1 5	1 1 0 2 1 3 4 2 0 4	1 1 0 2 1 2 4 2 0 2	1 1 1 1 2 2 2 0 2	100022221022	2 1 0 1 2 2 3 2 1 1
MEAN	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 12 13 14 15 16 17 18 19 20 4 4 2 4 4 6 7 6 7 3 3 0 4 7 -5566656 4 4 7 5 2 22 23 24 25 26 27 28 29 30 3 4 2 2 1 0 4 4 3 4 1 4 3 2 1 2 2 4 1 3 1 1 4 4 4 3 MEAN

PERCENTAGE OF DATA VALID - 100

						ONTAF	RIO I	MINIST	TRY (OF TH	HE E	NVIRO	MENT	- AIF	R MA	NAGEM	ENT E	BRANCH	-						
	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UNI	ITS -	PART	S PER	HUNDI	REDMIL	LION						
	STATI	ON -	67 CC	DLLEGE	ST	TORONT	O OA	MST	NO	3100	1		MON	ITH AL	JG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	0 1 1 0 1 0 0 0 0 0	001040000	0110400000	00201100000	3 0 2 0 10 0 0 0 0	2020900001	2 1 2 0 8 0 0 1 0 2	1 1 4 0 9 0 0 1 2 2	1 1 2 0 4 0 0 0 1 2	1 1 2 0 3 0 0 0 0 2 1	2 1 2 0 6 1 0 0 0 0	1 1 2 0 1 1 0 0 0 1	1220000000000	1 1 4 0 0 0 1 2 0 0	6300000400	13000000092	1300000052	1100000021	2 1 0 0 0 0 0 0 1 0	2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	310000010	3 1 1 0 0 0 0 0 1 0	1 1 0 1 0 0 0 0 2 1	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0 3 0 0 0
11 12 13 14 15 16 17 18 19 20	0 1 1 0 0 1 1 1 0 0	010000000000000000000000000000000000000	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0300000000	0 1 2 0 1 0 0 0 0	0212110100	102210210	4214210111	3 1 4 1 1 0 0 2 1	2 5 2 5 1 0 1 0 2 1	2324121011	1223120010	0 3 1 3 1 2 0 0	1 3 2 0 0 1 1 0 2 0	1 22 1 0 1 1 0 1 0	2 4 2 1 0 0 1 0 1 0	1221100010	1120000000	0121000000	0 1 1 1 0 1 0 0 0	2111001000	4 0 2 1 1 0 0 0 0	2 1 2 1 1 0 0 0 0 1	1 1 1 1 1 0 1 0 0	1 2 1 2 1 1 0 0
21 22 23 24 25 26 27 28 29 30	0 7 4 5 8 3 1 3 0 4	0 8 3 5 7 3 2 3 0 4	0245932302	0255833301	1226732302	N33688N330N	4436923313	5 3 2 7 7 3 3 3 1 3	3 3 2 6 7 3 3 2 1 3	3226624312	1 2 3 6 6 2 3 2 0 1	1 2 5 7 6 3 3 1 0 1	2 4 6 6 3 3 0 0 1	13 5 6 5 3 4 0 0	5246534060	1 3 3 7 6 2 4 0 8 1	1 3 4 7 5 2 4 0 8 1	2436525090	2536524070	2736524010	2 4 4 6 5 2 3 0 1 0	4636423030 10	1 4 4 6 4 2 3 0 9 1	5 4 4 7 3 1 3 0 4 0	3 4 3 6 6 2 3 1 4 1
31	0	0	0	0	0	1	3	4	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
MEAN	1	1	ă	1	2	2	2	3	2	2	2	2	1	2	2	2	2	2	1	2	2	2	2	1	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - 67 COLLEGE ST TORONTO DAMST MONTH SEP NO 31001 HOUR DAY 1 2 3 4 5 6 7 24 MEAN 0 2 4 Ò Ö 2 0 1 9 10 0 1 0 2 1 0 0

PERCENTAGE OF DATA VALID -

MEAN

						ONTAR	RIO	WINIS	TRY (OF TH	HE E	NVIRON	MENT	- AIR	MA	NAGEME	ENT E	BRANCH	ŧ.						
	POLLU	TANT	- SUI	LPHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	67 CC	OLLEGE	ST	TORON	TO OA	MST	NO	31001	t		MON	ITH OC	T	7.2									
HOUR	(1)	2	3	4	5	6	7	8	9	10	11	12	1.3	1.4	1.5	1.6	1.7	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	1 1 2 2 0 0 0 0 0 1	1 1 2 0 0 0 0 1	1 1 1 0 0 0 0 1	1 1 1 0 0 0 0 0 1	103300000	2 0 4 4 0 0 0 0 0 1	2244000003	4 2 5 2 0 0 0 0 0 0 0 0	2234000002	1 2 1 3 0 0 0 0	032200000	0 2 1 2 0 0 0 0 1	1 1 1 2 0 0 0	0 1 2 8 1 0 0 0	0152200000	50000001	0 2 6 1 0 0 0 1 0 1	035510001	025100001	0 5 5 1 0 0 0 3 0	0560000001	0 5 5 1 0 0 0 0 1	05551000001	0550000000	123200001
11 12 13 14 15 16 17 18 19 20	1 4 0 1 2 0 1 0 3	1 1 0 0 0 2 7 0 0 4	1 1 0 0 0 0 0 1 4 1 1 3	1 0 0 0 0 16 1 1	110112139	1 1 0 1 2 11 3 8 5	1 1 0 1 2 10 3 8 4	1 1 0 2 2 3 3 8 3	1 1 4 0 2 2 1 4 7 2	2140320521	2 1 4 0 2 1 0 5 2 1	1 1 4 0 2 1 1 5 1 0	1 1 6 0 1 6 2 2 0 0	1 2 7 0 0 0 0 3	1230101400	1 1 3 0 0 4 2 4 0 1	1 1 1 0 0 5 2 3 0 2	1 1 1 0 0 1 2 2 1 3	1 1 0 1 4 2 2 2 1	1 0 2 0 1 1 2 3 3 3 3	1020112212	1 0 2 1 2 1 1 1 1 1	1 0 2 2 1 1 1	1 0 2 1 2 0 1 1 2	1 2 0 1 2 4 3 2 2
21 22 23 24 25 67 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	1 0 0 0 0 1 2 5 2 1	1000011521	4 0 0 0 0 1 1 6 2 1	5000014521	1 5 0 0 0 1 5 4 2 1	2811023211	3 4 1 2 0 4 8 2 1 4	2312068316	2112046414	20000055422	1337028222	0212037223	0 1 1 2 0 1 5 4 1 2	0000013311	0 0 2 3 0 1 8 3 1 2	0143013423	0 1 3 2 1 1 4 3 2 2	0 0 5 1 2 1 5 3 2 1	0 6 1 3 1 4 4 2	0 3 1 1 3 4 4 2 1	0 1 2 2 1 7 3 3 2 3	0 0 1 1 1 5 3 3 2 3	0 1 1 0 3 2 3 3 2 4	0 1 1 0 1 2 4 2 2 4	1 1 2 2 1 2 4 3 2 2
31	4	4	4	3	3	4	3	4	5	4	3	2	1	1	1	2	2	2	1	2	2	2	2	2	3
MEAN	1	1	4	2	2	22	3	2	2	2	2	79	1	1	- 4	2	2	1	2	2	2	3	1	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 67 COLLEGE ST TORONTO CAMST NO 31001 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 21 22 32 42 56 27 28 29 30 5 2 MEAN

PERCENTAGE OF DATA VALID - 100

						ONTAR	10	MINISTE	RY C	F TH	HE E	NVIRON	MENT	- AIR	MA	NAGEME	NT E	BRANCH	1						
	POLLU ¹	TANT	- Sl	JLPHUR	DIO	IDE							UNI	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STATIO	ON -	67 (OLLEGE	ST	TORONTO	AO C	MST	NO	31001	F		MON	ITH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9 9	3473040222	5 5 7 2 2 3 0 1 2 3	4342320225	3632330134	5 7 4 2 4 3 1 1 2 3	6432441133	44335551133	3524661233	3423532142	2633431242	1743632242	1 7 3 2 6 3 4 2 3 2	1 10 22 5 2 1 2 3 2	1 4 3 2 3 2 2 2 4 2	1 3 3 1 2 2 4 2 3 2	2 4 4 3 4 2 2 2 3 2	1 7 4 3 3 1 1 2 3 0	2 7 6 3 4 1 3 2 2	1 4 5 2 6 1 3 3 2 1	1353512220	2 3 5 3 4 1 2 2 2 1	3 5 1 4 0 1 2 2 1	4 4 5 1 4 0 1 2 2 0	4 5 4 0 4 0 2 2 3 0	3542422232
11 12 13 14 15 16 17 18 19 20	0 5 1 1 1 1 2 5 3	0 4 1 1 1 1 2 2 4 3	0410112543	0 5 1 1 1 1 2 4 7 3	0511122272	0 5 2 1 1 2 2 2 3 2	1 5 2 1 1 1 2 2 5 1	3 5 3 1 1 1 2 3 4 2	3 7 2 1 1 1 2 4 6 1	4 5 1 1 1 1 2 4 5 1	4422112451	63111223331	1 2 1 1 0 1 1 3 3 2	2 0 1 1 1 0 1 4 3 2	1 0 1 2 1 0 1 4 3 2	1 0 1 2 1 1 1 4 3 2	1 0 1 2 0 1 1 4 4 2	1 2 0 2 1 1 5 4 3 2	2 1 1 2 1 1 3 4 3	1 1 2 1 1 9 4 3 1	3012213431	3 1 1 2 3 2 7 4 3 1	3 2 1 2 3 2 5 4 3 0	3212312430	2 3 1 1 1 1 3 4 4 4 2
21 22 23 24 25 26 27 28 29 30	1 4 1 2 3 3 1 1 5	1 4 1 2 4 4 1 1 5 1	1 5 1 4 4 3 1 1 4	1 5 2 5 3 2 0 1 4 1	2425330131	2 3 2 4 3 2 0 1 3 1	3 5 2 4 3 1 0 2 3 1	3422311241	2423313342	2 6 2 4 3 1 0 3 4 2	2632212532	3532222332	4522222132	3522421122	2 4 1 2 2 1 1 1 2	3323231122	3313322122	3 3 1 5 3 2 2 1 1 2	3 2 2 3 3 2 2 1 1	4 1 2 3 3 1 2 1 1	4 1 2 3 4 1 2 1 1 2	4 1 3 3 4 1 2 3 1	3 1 3 4 4 2 2 6 1 2	3 1 3 3 4 2 2 4 1	3 4 2 3 3 2 1 2 3 2
31	1	1	1	1	1	1	1	2	2	2	2	3	4	3	3	2	2	2	2	2	2	3	3	2	2
MEAN	2	2	2	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 67 COLLEGE ST TORONTO DAMST NO 31001

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	9	36
FEB	29	5	14	29
MAR	31	4	14	33
APR	30	4	7	22
MAY	31	4	12	20
JUN	30	2	6	18
JUL	31	3	6	12
AUG	31	2	6	13
SEP	30	1	5	7
OCT	31	2	4	16
NOV	30	2	4	11
DEC	31	2	5	10
YEAR	366	3	14	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN 521 201 FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

FREQUENCY DISTRIBUTION BY PERCENTILES

YEAR

PERCENT				3	CONCENT	RATIONS					
OF DATA				FREQUENCY	DISTRI	BUTION,				00 -00.00	ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
99	0	0.3	0.9	1.8	3.2	5.7	7.6	10.9	13.4	36	3.0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - CITY HALL TORONTO NO 31003 MONTH JAN HOUR DAY 1 2 3 4 4 5 6 6 7 8 9 1 0 1 1 2 1 3 4 1 5 6 1 7 1 8 1 9 2 0 9 10 11 24 MEAN DATA MISSING DATA MISSING **** **** **** **** 2 2 8 12 0 0 0 1 2 1 13 1 2 6 2 5 10 0 2 1 2 2 4 1 6 2 2 2 1 0 25 16 2 1 0 7 19 3 2 1 4 11 3 0 4 1 2 2 2 1 4 4 0 10 16 1 1 2 3 1 6 0 6 1 2 2 1 4 0 2 1 0 6 7 1 0 1 0 1 0 1 22 23 24 25 26 27 28 29 30 3 0 1 1 0 0 1 3 1 10 0 1 2 0 11 1 **** ***

PERCENTAGE OF DATA VALID -

 MEAN

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIR	ONMEN	T - AI	R MA	ANAGE	MENT	BRANC	Н						
	POL	LUTAN	T - SI	JLPHUR	R DIO	XIDE							U	NITS -	PART	TS PER	R HUND	REDMI	LLION						
	STA	TION	- CITY	Y HALL	TOR	OTAC			NO	3100	03		M	ONTH F	EB	72									
HOUR DAY 1 2 3 4 5 6	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -	16	17	18	19	20	21	22	23	24	MEAN
10	***	* * * *	***	***	****	* * * *	***	***	***	****	****			MISSI			* * * *	0	0	1	1	2	3	3	***
11 12 13 14 15 16 17 18 19	1 6 8 0 2 **** 0 3 1	1 6 8 1 3 0 0 3 2 0	2 10 8 1 4 0 0 2 4	2 7 8 2 4 1 0 2 4 0	4 9 8 3 4 6 0 3 3 0	3 13 5 3 5 4 0 2 1 0	8 12 10 3 5 1 0 3	7 14 7 4 4 3 3 4	4 13 4 2 3 3 4 4 1 0	2 12 3 1 2 3 2 1 0	4 22 1 0 3 1 2 2 1 0	3 19 1 0 2 2 3 4 1 0	2 9 1 0 2 4 4 2 1 0	11 1 3 3 2 0 0	4 9 2 1 0 1 3 3 0 1	6 13 1 0 **** 1 3 3 1 1	7 13 2 4 0 2 2 2 4 ****	1022053264	2 8 1 1 0 6 4 2 4 5	2 11 2 2 0 0 3 1 0 5	0 11 2 2 2 0 3 2 0 4	1 9 1 1 2 0 2 1	1 10 1 2 2 0 2 1 ****	3 8 1 1 0 3 1 ****	3 11 4 2 2 2 2 2 2 2 1
21 22 23 24 25 26 27 28 29	0 1 5 5 2 4 1 3 6	0 1 11 6 2 1 1 4 6	0 1 12 9 4 2 2 4 3	0 2 8 8 4 2 1 4 4	0 1 7 6 4 2 3 2 8	0 3 7 5 7 3 5 1 7	0 2 10 9 11 3 7	0 2 14 8 6 3 4 1	0 1 8 7 9 3 5 2 3	0 2 4 4 1 2 3 6 2 3	0 2 2 2 16 4 5 2 2	0 1 2 2 8 4 4 2 6	2 2 1 1 6 2 5 4 3	523262413	232242333	2 3 1 2 5 2 1 3 4	5 2 1 **** 3 3 1 2 5		5 0 **** **** 4 0 2 3 11	4 1 3 2 3 1 4 7	222252586	223345845	* * * * * 3 4 4 5 5 2 3 6 4	2 7 3 2 5 1 4 4 2	125462435
MEAN	3	3	4	3	4	4	5	5	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3

	POLI	LUTAN	T - SU	LPHUR	DIOX	IDE							U	NITS -	PART	S PER	HUND	REDM	LLION	1					
	STAT	TION	- CITY	HALL	TORO	NTO			NO	3100	03		M	M HTMC	IAR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 0 1 5 5 0 3 1 4 4	6 0 1 6 4 1 3 1 3 5	4 0 1 7 1 1 2 0 7 4	10 1 7 1 3 4 0 9 6	14 1 1 8 0 2 4 0 7	18 2 1 6 3 2 6 0 9	12 22 56 1 9 1 9	14 32 55 53 8 1 8	10 33 8 55 2 13 1 5	8 3 2 1 1 1 17 0 3	6 3 2 3 1 1 1 1 1 0	4 3 2 2 0 1 5 1 1	3 1 2 4 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20113311122100	1 1 2 4 1 0 1 1 0 0	1 1 3 0 0 4 1 1	2 2 2 3 1 6 4 1 8	1 4 2 3 1 13 9 0 4	1 4 2 2 1 8 4 1 5	2 3 3 3 1 4 1 2 6	1 2 4 3 1 3 1 3 5	1 2 6 1 1 2 3 4 2 ****	1 2 3 2 0 1 3 4 2	1 2 5 3 4 0 0 3 5 5	522423514
11 12 13 14 15 16 17 18													DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
21 22 23 24 25 27 28 29 30	2 4	****	5	**** 3 3	4 4	* * * * 4 2	****	10	* * * * 5 1	****	* * * * * 4 0		DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI 2 1	NG - NG - NG - NG -	1 1 2	2 1 2	2 0 4	1 0 4	1 1 9	1 1 6	2 1 9	2 2 2 2	2 2 0	**** 3 3
31	2	3	1	1	0	1	2	6	8	5	2	2	2	1.	1	4	6	1	1	3	6	5	2	2	3
MEAN	3	3	3	4	4	5	5	6	5	4	3	2	2	1	1	2	3	3	3	3	3	3	2	2	3

PERCENTAGE OF DATA VALID - 40

						ONTARI	0	MINISTRY	0	F T	HE E	ENVIR	ONMEN	T - AIR	M	ANAGE	MENT	BRANC	CH						
	POLLUT	ANT	- SUI	LPHUR	DIOX	DE							U	NITS -	PAR	TS PE	R HUNI	DREDMI	ILLION						
	STATIO	N -	CITY	HALL	TORON	OTA			10	3100	3		M	ONTH AP	R	72									
HOUR	1	2	3	4	5	6	7	8 9	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 0 1 4 1 1 2 1 5 2	4 0 1 4 2 1 1 1 4 4 4	251311136	3522311155	NUNNNNNN	3 2 1 2 1 1 2 3 5	3304221255	3614222135	3	2 1 3 1 2 1 1 2 6	1 0 1 2 0 1 1 0 1 4	200111001111255	30001011125	20010030106	2000021103	300000000000000000000000000000000000000	2 0 1 0 0 2 1 0 0 2	1 0 0 0 1 0 1	1 0 0 0 0 1 1 1 0 0 3	2 0 1 0 1 2 1 0 1 3	0 1 2 1 1 1 1 2 2 1 3	1 1 1 1 1 2 2 2 2 2	1 1 2 1 1 3 1 2 2 1	0 2 2 1 1 3 1 3 2 4	2212121124
11 12 13 14 15 16 17 18 19 20	5 2 0 0 1 4 1 2 2 0	5 1 0 0 2 4 2 3 2 0	6 2 1 0 1 5 2 2 4 0	4 2 1 0 1 8 2 1 7	11 20 00 1 9 2 2 5 0	20200162490	8 2 0 0 2 4 4 2 3 1	0 5 2 1 1 1 2 2 5 4 6 7 2 4 1 1		2221321561	3221331331	1 2 1 1 3 2 1 3 4	1 3 3 1 1 4 1 1	1 1 4 1 2 3 2 0	2 3 2 1 3 1 2 2 1 1	2200	0 2 0 **** 2 1 0 0 0 1	0 3 0 0 2 1 0 1 0 0	1 4 0 2 1 1 0 2 1 0	1 2 0 4 1 1 0 3 1 2	3 1 0 4 2 1 **** 4 0 0	3202311200	2 2 0 3 3 1 2 2 0 0	2 1 0 2 3 1 2 1 0 1	4 2 1 1 2 3 2 3 2 0
21 223 24 226 227 228 228 23 24 20 20 20 20 20 20 20 20 20 20 20 20 20	1 1 1 6 2	0 0 1 1 1 4 3	2 0 1 1 1 1 4 3	2012254	1 0 1 1 2 7 2	1 0 0 1 2 9 3	2022273	2 1 1 3 3 3 2 2 2 7 4 2		1 1 2 1 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 0 2 0 2 4		DATA	0 0 1 1 1 1 1 1 MISSIN MISSIN MISSIN	G -	0 0 0 1 4 3 3	0 0 0 2 1 2	0 1 0 1 0 1 1 0 1 1	0 1 0 1 0 1 0 1 0 1	0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 3 0 1 1	0 2 1 1 4 2 2 * * * * *	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 6 2	1 0 1 1 2 4
MEAN	2	2	2	3	3	3	3	3 3	ń	2	2	2	2	1	1	. 1	1	1	4	1	1	2	2	2	2

UNITS - PARTS PER HUNDREDMILLION STATION - CITY HALL TORONTO MONTH MAY NO 31003 24 MEAN DATA MISSING 0 2 1 2 1 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING
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- DATA MISSING -

PERCENTAGE OF DATA VALID

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - SULPHUR DIOXIDE

						ONTA	ARIO	MINIS	STRY	OF	THE	ENVIR	ONMEN	T - AIR	MA	NAGEN	MENT	BRANC	Н						
	POLI	LUTAN	T - S	ULPHUF	R DIO	KIDE							U	NITS - F	PART	rs PEF	HUND	REDMI	LLION	1					
	STAT	TION	- CIT	Y HALL	TOR	OTMC			N	310	03		M	NUL HTMO	4	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	न	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18	**** 0 1 **** 0	**** 0 1 0 0	**** 0 1 0 0 1	**** 1 1 0 0 2	**** 1 1 0 0 2	**** 1 1 0 0 3	**** 1 1 0 2 2	**** 1 0 0 2 2	***** 1 0 0 2 2	**** 1 0 0 2 ****	**** 1 0 0 ****	- - - **** 1 0 0 ****	DATA	MISSING MISSING MISSING MISSING **** ** 3 0 **** 2 2		1 2 0 0 0	1 1 0 0 0 0 0 0 1	3 1 0 0	2 1 0 0 ****	2 1 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0	1 1 0 0 0	1 2 **** 0 ****	**** 1 0 0 ****
21 22 23 24 25 26 27 28 29 30	00000	1 0 0 0 2 2 2 0 0	1 0 0 0 5 1 0 0 0	1 0 0 0 2 0 0 0 0	10000	10002200100	2000101100	10000	1 0 0 0 1 0 2 1 *****	2000012100	200001112000	20000112000	20000	2000011121000	100002121000	0 0 0 1 1 1 0 0 0	0 0 0 1 1 1 0	0 0 0 0 1 1 2 1 1 0	0 0 0 1 1 1 0 1 2	0 0 0 0 1 1 1 0 0 3	0 0 0 1 2 2 0 0 2	0 0 0 0 1 1 0 1 1	0 0 0 0 1 0 0	000000000000000000000000000000000000000	1 0 0 0 1 1 1 0 0
MEAN	1.	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - CITY HALL TORONTO NO 31003 MONTH JUL HOUR DAY 24 MEAN 2 3 4 5 6 7 8 9 10 3 1 0 2 0 0 3 0 2 4 2 1 12 13 14 15 16 17 18 19 20 *****
1 0 0 0 0 0 0 0 2 1 0 0 1 0 0 0 0 1 0 0 1 22 23 24 25 26 27 28 29 30 1 1 0 0 0 1 0 1 0 1 0 1

PERCENTAGE OF DATA VALID - 96

MEAN

						ONT	ARIO	MINIS	STRY	OF T	HE	ENVIRO	NMENT	- AIR	R MA	NAGEME	ENT E	BRANCH	+						
	POLL	UTANT	- SU	LPHUE	R DIOX	IDE							UNI	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STAT	TION -	CITY	HALL	TORC	OTA			N	3100	3		MOM	ITH AU	JG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	-11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
DAY 1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	0 0 0 1 0 0 0 0	0 0 0 1 0 0 0 1 0 0	0 0 1 0 1 0 0	0 0 1 0 1 0	2 **** 0 0 2 0 2 0 2 0 1	000000000000000000000000000000000000000	0 0 0 2 1 1 1 3	0 0 1 1 1 1 4	000111111400	0 0 3 2 0 1 3 0	1 0 0 1 3 2 0 1 2 0	0 1 0 2 2 2 0 2 1 0	0201121310	0 1 0 1 1 1 2 0 0	0 1 0 1 1 1 1 2 1 0	0211100110	02010101	0 1 0 1 0 0 1 0 0 1 0	0 1 0 0 0 1 0 0 1 0	0101010	1 1 0 2 0 1 0 1 0 0	01020000000	0 *	0 0 1 1 1 1 1 1 1 0
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 1 1 1	00000000011	0 0 0 1 0 0 0 0	000000000000000000000000000000000000000	0 1 0 4 0 0 0 0 2	0 2 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 2 0 0 0 2 2 1	0102000221	0 0 1 0	0 1 0 0 0 2 2 1	0 0 0 0 0 0 2 2 1	000000121	0 0 0 0 0 0 1 2	0000000121	0 0 0 0 0 0 1 2 1	0000000041	0 0 0 0 0 0 0 0 2 1	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0	0 0 0 1 0 0 1 2 1
21 223 24 25 26 27 28 29 30	1 3 2 2 1 1 0 0 0	1322110000	2 4 4 3 3 1 1 0 0	2 4 3 3 4 1 1 0 0 0	2454210000	1 7 3 2 1 1 1 0 0	2632110001	3 4 3 3 2 2 1 0 0	2 3 2 3 2 1 0	3322222004	2332221003	3 4 4	3243211001	3233211002	2 3 4 3 2 1 1 0 2	2322211012	2222211222	2322112011	24 22 00 1 20 00 1	7 4 2 2 1 1 2 1 0 1	6422111100	4622101101	4 3 2 2 1 0 1 1 0 1	3222100002	3432211001
31	1	1	2	2	1	1	2	3	3	1	1	2	4	3	2	2	3	2	2	2	2	2	1	1	2
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1

	POLLU	IANI	- 501	PHUR	DIOXI	DE							UNI	TS -	PARTS	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	CITY	HALL	TORON	ТО			NO	3100	3		MON	ITH SE	P	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	1 3 0 0 0 1 1 3 1	1300012401	1 2 0 0 1 1 4 0	1 1 0 0 0 1 1 4 0 0	2 1 0 0 1 1 1 4 0 1	2 1 0 0 1 1 1 2 0 1	3 1 0 0 1 1 0 1 1 0	6101211111	4 1 0 1 2 1 1 1 1	2 1 0 1 2 1 1 2 1 1 2	3 2 0 0 2 1 ****	4 2 0 2 2 0 4 1 1	4 2 0 2 0 1 4 1 0 0	4 2 0 2 0 1 3 2 0 0	4 2 0 1 1 1 3 1 0 0	4 1 0 2 0 1 3 1 0 0	3102002100	3 0 0 1 1 1 3 0 0	3 0 0 1 2 1 4 0	20001205010	2 1 0 2 0 3 1 1 0	3 1 0 1 1 1 6 2 2	4 1 0 1 1 1 5 2 2	4 1 0 1 1 1 4 1 2	31001113211
11 12 13 14 15 16 17 18 19	0112222411	0112222311	1 0 1 2 2 2 2 3 1 1	2011223211	2 1 1 1 3 2 7 3 1 2	4 1 2 1 3 2 6 2 1 2	5 1 3 1 3 2 4 2 1	4 1 3 1 4 2 4 2 1	6 2 6 **** 7 2 5 3 1	6 2 3 4 5 3 5 2 1 2	5 3 2 2 4 5 4 2 1 2	5 2 3 2 3 6 3 2 1 2	3 4 2 2 6 4 2 2 1 1	3432521211	2242221211	2143221111	2122221121	3 2 1 1 4 2 1 1 2 1	4 2 1 1 5 2 2 1 2 1	5111622121	3221622121	2271422121	3 1 2 2 3 1 2 1 2 1	2242413112	3232423211
21 22 23 24 25 26 27 28 29 30	2222332122	2122332121	2222322121	2232432121	2242332121	1 2 4 2 3 2 1 1 2 2	1242322122	2242311121	2232222122	2222222122	22222222122	30000000000	3225321232	3226324232	3225234232	2225242222	300000000000	3223332231	3 3 1 4 3 4 2 1 2 1	4324332121	4323222221	3222332221	2213432221	1 2 1 3 4 2 1 2 2 1	2223332122
MEAN	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

						ONT	ARIO	MINIS	STRY	OF T	HE E	ENVIR	ONMEN	Γ - AIF	R MA	ANAGEN	MENT	BRANC	н						
	POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - CITY HALL TORONTO NO 31003 MONTH OCT 72																								
	STAT	TION .	CITY	Y HALL	TOR	OTMO			NO	3100	3		MC	ONTH OC	T	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	4	3	5	3	2	2	2	****	****	**	***	***	***	***	****	***		***	***	***
3	***	* * * *	***	***	2.4 4.5	***	***			****	***	***	6	MISSIN 6	5	3	3	3	4	3	4	3	3	2	****
5	3	3	3	2 2 2	2	2	3	3	3	3	3	3	5 5	5 5	5 4	3	2	2	2	2	2	2	2	1 2	3
6 7	2	2	2 2	2	2	3	3	3	3	2	3	3	3	3	2	1 2	2	2	2	2	2	2	2	2	2
8 9	2	2	2	4	8	4	3	2	2	1	4	0	1 2	Ĩ	1 0	1	Į.	1	į	į	1	o	1	į	2
10	ż	2	2	2	2	2	2	2	4	1	ò	Ó	2	2	2	2	2	2	i	ાં	1	í	i	i	2
11 12	2	2	2	2 2	2	2	2 2 2	2	2	2	2	2	3	3	3	2	2	2	2	4	6	6	4	6	3 2
13	2	2	2 5	2	2	1	2	2	****	4	4	5	3 7	6	2	4	2	2	2	4	6	6	0 5	0	3
15	2	2	2	2	1	1	1	1	2	2	1	1	3	3	2	1	2	0	0	0 5	0 5	5	0 5	2 6	3
17	1	1	2	1	1	2	2	1	3	3	3	2 2 5	2	2	2	7	8	2	4 2	2	5 5 2	6 2	2 2 2	1 2	3
18 19	2	4	3	3	3	4	3	3	****	4 5	6	5 2 2	2	3	5	6	6 1	4 2	4	5 2 9	3	2	2	2 6	4 3
20	6	6	6	10	10	7	7	5	6	3	4	2	2	1	1	2	3	6	7	9	11	8	8	5	6
21 22	9	11	9	6	4	4	4	4 2	3	4	4 2	4 2	2	2	2	2	2	2	2	2	2	2	2	2	4 2
23 24 25 26 27	2	2	2 2 2	2	2	2 2	2 2	3 2	4	4 2	3	3 2	3 2	4 2	4	3 2	3	3	3	4	4	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	5	6	5	10	3	4
27 28	3	4	2 7	3	4	12	18	8	6	7	9	12	9	9	8	2 6	2 6	2 6	2 6	2 5 7	3 4	3	3 5 5	3 6	7
29	4	4	3	3	á	5 2 2	2 2	6	2	6 2	4 2	4	2	2	4	5 2	5	7	11	2	6 2	6 2	2	4 2	6 2
30	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
31	3	3	4	3	4	4	4	4	4	3	2	2	2	1	2	2	2	2	2	2	2	1	1	2	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - CITY HALL TORONTO NO 31003 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 1 2 1 2 10 2 **** 0 2 3 3 2 3 2 5 2 1 1 2 3 6 2 6 4 4 1 0 9 3 2 4 2 2 3 4 10 3 3 1 4 6 4 2 3 4 12 3 1 1 1 4 2 1 2 4 3 0 8 0 4 2 15 3 3 4 0 10 0 5222482*

1 2

 PERCENTAGE OF DATA VALID -

MEAN

						ONTAI	RIO	MINIST	RY	OF T	HE E	ENVIRO	NMENT	- AIR	MA	NAGEM	ENT	BRANC	ж						
	POLLU'	TANT	- SUI	PHUR	DIOX	DE							UNI	TS -	PART	S PER	HUND	REDMI	LLION						
	STATIO	ON -	CITY	HALL	TORON	NTO			NO	3100	3		MON	TH DE	С	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	42632413334	6253241156	6 3 4 2 2 4 1 1 4 7	4 3 2 1 1 4 1 1 5 5	6 7 1 1 2 4 1 1 5 5	15 4 1 1 2 5 2 2 6 4	12412253265	3 4 1 2 2 5 4 2 5 4	3 3 1 1 3 4 4 1 6 4	3 2 1 1 3 2 4 3 7 4	2 6 1 1 3 4 4 6 4	1 3 1 5 2 7 4 5 4	1 12 1 1 6 2 3 4 4	1611323343	1201226343	0 2 3 1 2 1 4 3 4 3	0631312443	1 8 3 1 4 1 4 3 4 4	1 4 3 2 6 1 5 3 3 3	1 2 3 2 8 1 3 3 3 3	1232612333	2131412333	2231412332	1 5 2 0 3 1 3 4 2	3 4 2 1 3 3 3 3 4 4
11 12 13 14 15 16 17 18 19 20	1 3 3 1 1 2 2 4 10 8	1331122575	1 3 3 1 1 2 3 4 5 4	1 3 4 1 1 2 3 12 10 4	1 3 3 1 1 2 3 3 7 3	233112234882	23311244121	4 3 3 2 2 2 4 4 10	4 3 3 3 2 1 4 5 12 0	4 4 2 3 2 1 4 5 8	* * * * * 2 3 2 2 2 3 5 11	8 2 3 2 3 3 6 4	31232224322	2223212521	2213211530	2 2 1 1 1 5 3 0	2 1 1 2 1 1 5 2 0	2 1 0 2 1 1 8 5 2 0	2 1 1 2 1 1 4 6 2	2 2 1 2 1 2 16 5 2	2 2 1 2 2 2 18 7 2 2	3 2 1 2 2 2 2 1 6 2 1	3312236631	3 1 1 2 2 5 6 5 1	322225562
21 223 245 227 227 229 229 230	0422423232	0 4 1 2 4 2 2 2 3 2	0 3 1 4 4 2 1 2 2 2	0 2 2 4 3 2 1 2 2	1 2 2 4 2 2 1 2 2 1	1 2 2 4 2 2 1 1 2 1	2 4 2 1 0 1 2 2	2423201231	1322102131	1 2 2 4 1 0 1 1 3	1 2 2 3 1 0 1 1 3 0	2 2 2 1 1 0 1 2 2 0	4332242321	3 3 2 2 1 3 1 1 1 1 1	2 3 2 2 1 3 1 1 0 1	1 3 2 2 1 3 1	2222121000	1 2 2 3 1 2 2 0 0 0	2223222001	2122220001	2 1 3 2 2 1 0 0 0 0	2132201000	2153101201	2 1 4 2 1 1 1 2 0 1	2 2 2 3 2 2 1 1 1 1 1
31	1	1	1	1	1	1	1	1	1	0	0	0	2	2	3	2	0	0	1	1	0	1	2	1	1
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - CITY HALL TORONTO NO 31003

POLLUTANT -	- SULPHUR DIOXIDE	UNITS - PARTS	PER	HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	6	25
FEB	20	3	11.	22
MAR	14	3	5	18
APR	27	2	4	20
MAY	7	2	4	9
JUN	16	1	1	5
JUL	31	1	2	10
AUG	31	1	4	7
SEP	30	2	4	7
OCT	30	3	7	18
NOV	30	3	5	15
DEC	31	3	6	21
YEAR	296	2	11	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GR	OUP FREQUE	NCY CLASSIFIC	ATION FOR	72										
POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION														
STATION -	CITY HALL	TORONTO												
,	00 TO 04	05 TO 10 1	1 TO 14	15 TO 25	26 TO 39 40	&OVER	TOTAL							
JAN	597	56	8	4	0	0	665							
FEB	347	83	16	3	0	0	449							
MAR	240	55	7	2	0	0	304							
APR	578	48	1	1	0	0	628							
MAY	127	19	0	0	0	0	146							
JUN	350	1	0	0	0	0	351							
JUL	703	14	0	0	0	0	717							
AUG	718	7	0	0	0	0	725							
SEP	689	29	0	0	0	0	718							
OCT	589	97	7	1	0	0	694							
NOV	641	67	4	1	0	0	713							
DEC	656	69	6	4	0	0	735							
YEAR	6235	545	49	1.6	0	0	6845							

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA					CONCENTE		PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
77	0	0.2	0.7	1.1	1.9	3.8	5.5	7.9	9.9	25	2.0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HEARN NNE 10. LESLIE ST TORONTO NO 31016 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 10 8 5 4 8 7 7 5 5 1 1 6 4 4 5 9 5 5 4 8 11 1 5 4 10 14 1 4 5 8 8 8 5 6 1 0 6 3 4 7 10 7 5 4 11 8 2 4 6 9 8 5 4 9 5 4 7 156438 6 10 4 5 8 10 4 3 8 5 4 10 8 3 3 4 4 5 4 9 13 4 3 8 3 5 12 10 4 3 10 4 5 16 8 4 3 13 5 13 3 4 7 5 12 3 3 3 7 3 4 4 12 13 14 15 16 17 18 19 20 9 6 7 5 3 5 3 5 3 8 4 3 4 5 3 4 1 4 3 1 8 1 10 1 5 10 7 4 3 6 4 3 8 7 7 5 4 2007890 2 7 4 5 4 11 10 4 8 2 7 4 6 3 11 10 3 8 3 9 4 6 5 8 10 6 3 4 4 3 7 11 4 11 4 115 113 117 7 3 3 5 8 10 5 9 8 3 4 4 3 2 0 5 4 3 2 8 8 4 1 0 8 5 4 3 2 1 0 8 4 1 2 7 4 3 3 8 9 4 10 6 10 6 10 11 6 14 5 7 5 10 8 7 13 6 11 14 8 11

PERCENTAGE OF DATA VALID -

 MEAN

						ONTA	RIO	MINIS	TRY	OF 1	THE E	ENVIR	ONMEN	T - AI	R M	ANAGE	MENT	BRANC	CH						
	POLI	UTANT	- SUI	PHUR	DIO	(IDE							U	NITS -	PAR	TS PER	HUND	DREDMI	ILLION	N					
	STAT	TION -	HEAR	NNE	10.	LESLI	E ST	TORON	TO NO	3101	6		M	ONTH F	EB	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	5 4 5 5 2 5 3 4 4 6	5 4 4 5 3 5 3 6 7 6	5 4 4 5 3 5 5 5 5 8 5	5 4 4 3 6 10 4 6 8	8 3 4 4 3 7 10 4 6 8	8 3 4 3 7 8 4 7 8	11 3 4 3 6 8 5 5	11 3 4 3 5 9 5 5 1	8 3 4 3 5 11 4 5 15	7 3 4 2 5 10 5 5	8 3 3 3 5 18 6 5	8 2 4 3 3 4 7 6 5 7	63433457516	4 3 4 3 3 4 4 7 4 15	4 3 3 2 4 5 3 4 5 7	9 3 3 3 4 3 7 4 11	8 3 4 4 3 3 3 6 4 8	7 3 4 4 3 3 4 5 3 6	7 3 3 3 3 3 3 5 4 6	8 4 3 4 3 3 5 5 5 6	7 3 3 4 3 6 4 7 6	6 4 4 3 4 4 7 5 6 6	6 5 4 3 4 3 7 4 6 5	4 5 5 2 4 3 8 4 5 5	7 3 4 4 3 4 7 5 5 8
11 12 13 14 15 16 17 18 19 20	4 5 7 2 4 0 3 2 1	468340221	4 5 9 3 3 1 3 2 3	5 8 10 33 33 31 1	5 10 4 3 3 2 1	5 8 9 4 4 2 1 1 2	7 9 4 3 4 1 1 1	7 10 4 4 4 1 1	7 11 7 4 3 1 1 1	7 12 5 4 3 1 1 1	7 13 3 3 2 1 1 1	7 14 3 4 3 2 1 1	10 13 4 5 1 1 1 0 DATA	12 12 4 6 1 1 1 0 MISSI	7 12 4 1 0 1 1 0 1 1 0 1	11 13 4 1 0 1 1 0 0	9 9 3 3 0 1 0 0 1	8 7 3 3 0 1 1	8 4 1 4 0 1 1 1 ****	5 5 2 3 0 2 3 1	5 4 1 4 0 1 3 1	6 3 1 5 0 3 3 3	6 4 2 5 0 3 3 1 0	6 6 2 4 0 3 2 1 1	7 8 5 4 2 1 2
21 22 23 24 25 26 27 28 29	4 4 3 1 5 4	5 4 3 2 6 6 3	5 5 4 2 6 6 3	6 7 4 1 8 6 3	5 8 4 2 1 1 5 4	5 8 4 3 11 5 5	5 7 4 3 10 4 5	5 7 6 4 10 4	**** 3 6 7 4 6 5 3	1 6 8 4 5 5	5 7 4 6 5 4	1 4 3 4 5 6 5	DATA **** 0 4 3 4 7 6 5	MISSI **** 0 4 3 4 6 5 5	NG - 0 4 1 4 5 6 5	1 4 3 4 5 7 4	3 3 4 5 5	**** 0 3 2 4 6 4 5	0 1 3 2 4 5 5 5	0 3 1 4 4 3 5	1 2 3 2 3 4 4 4	3 1 2 1 5 5 4 3	3 2 3 1 4 5 4 3	4 3 1 6 4 3 2	**** 2 5 3 4 6 5 4
MEAN	4	4	4	5	5	5	5	5	5	5	5	4	5	4	4	4	4	4	3	3	3	4	4	4	4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HEARN NNE 10, LESLIE ST TORONTO NO 31016 MONTH MAR HOUR DAY 1 2 3 4 4 5 6 6 7 8 9 1 0 1 1 1 2 3 1 4 4 1 5 6 1 7 7 1 8 9 2 0 24 MEAN 13120 031 1045 000 3 2 3 4 4 10 0 0 3 **** 5 11 2 5 7 9 4 12 4 7 10 5 8 4 8 8 4 10 4 3 5 4 10 2 4 3 10 2 5 5 8 6 4 4 10 3 5 5 12 3 5 4 22 23 24 25 26 27 28 29 30

3 3

PERCENTAGE OF DATA VALID - 95

4 4

MEAN

						ONTAI	RIO	MINIST	RY	OF TH	HE E	NVIRON	MENT	- AIF	R MAI	NAGEM	ENT E	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	HEARN	NNE	10,	LESLI	E ST	TORONT	0 NO	31016	3		MON	TH AF	PR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	4 4 5 4 4 6 4 3 4 6	5 4 5 4 5 4 5 4 6	5 5 4 4 6 4 6 4 6	5544554348	6544553345	6 4 5 4 4 4 4 3 5 5	5454333254	4 4 4 4 4 3 2 4 5	4554343236	4 4 4 3 3 3 3 4 8	3 4 4 4 3 3 3 3 4 6	4 4 4 3 3 4 3 8	4 4 4 3 3 3 2 3 8	4 4 5 4 3 3 3 3 2 4 6	4 4 5 3 3 3 3 3 2 3 8	4 3 6 3 3 3 3 2 3 3 6	4 6 3 3 4 2 3 4 5	4 4 4 3 3 3 3 2 2 4 5	34533332345	56434333355	5643343335	5 5 4 4 5 3 3 3 4 5	5545543365	4545552485	4 5 4 4 3 3 4 6
11 12 13 14 15 16 17 18 19 20	45333486685	5533586686	4 6 3 4 5 8 6 8 8 6	4 5 3 4 4 8 6 7 7 5	5533467765	4533456545	5423456465	9513458564	10 4 1 3 4 5 6 6 5 4	8 3 2 3 4 4 5 9 6	8 3 2 3 5 5 5 5 9	6332545854	5 3 4 4 5 4 6 7 5 4	5364535554	3354536554	4 3 4 4 5 3 5 7 4 4	4344635644	5344635644	3 3 4 4 5 3 4 2 4 5 5	4 3 4 7 4 6 10 4 6	3344656857	5344755845	6344755056	5 3 3 4 7 5 6 8 5 7	5434556755
21 22 23 24 25 26 27 28 29 30	7 5 7 7 7 7 7 6 8	7 5 7 8 6 8 8 9 7 8	7 4 7 7 6 8 8 10 7 8	6 4 6 7 6 8 8 1 8 9	7 5 7 7 7 9 8 10 6 8	6 4 6 7 6 10 7 9 6 7	7 4 7 6 5 1 0 7 9 8 8	5 4 7 6 4 9 6 5 8 6	5375585876	5375565865	5385575065	5305565865	5385555865	4 3 7 5 4 5 5 6 6 5	3364655455	4364565565	44645555765	3 4 7 4 4 5 5 7 5 6	3484455557	4584458568	4 5 8 5 5 6 0 5 8 1 0	5 7 5 7 6 8 6 6 8	5675858788	5575758688	5 4 7 5 5 7 7 8 7 7
MEAN	5	6	6	6	6	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5	6	5	5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HEARN NNE 10, LESLIE ST TORONTO NO 31016 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 3 0 3 3 4 3 3 3 4 3 4 4 3 2 3 1 0 1 4 4 6 3 0 1 3 4 5 3 0 1 MEAN

PERCENTAGE OF DATA VALID - 98

						ONTAR	OIF	MINISTE	RΥ	OF TH	E E	NVIRON	MENT	- AIF	A MA	NAGEM	ENT E	BRANCE	Н						
	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	HEARN	NNE	10,	LESLIE	ST	TORONTO) NO	31016			MON	ITH JU	JN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	2333330003	3 4 2 3 2 0 0 0 4	2 3 4 1 3 3 0 0 0 3	2343310003	2333320003	1 1 1 2 1 0 0 0 3	1222120003	1 6 2 3 1 1 0 0 0 3	1 8 1 3 1 1 0 0 0 3	2623120003	1633130003	1 7 4 4 1 3 0 0 0 3	2 6 4 3 1 4 0 0 0 3	1 4 3 3 1 2 0 0 0 3	2533300033	1 5 3 2 2 0 0 0 4 3	1 5 4 3 1 0 0 4 3	1 3 4 2 3 0 0 0 3 3	1 3 3 3 1 0 0 0 3 3	2 3 3 1 0 0 0 3 3	2 3 4 3 1 0 0 0 3 3	2 3 4 4 1 0 0 0 3 4	3 4 4 2 1 0 0 0 3 5	1343200035	2433210013
11 12 13 14 15 16 17 18 19 20	4 5 5 5 1 4 1 3 2 3 3	3 4 6 1 4 1 3 1 2 3	4 4 5 1 4 1 3 1 2 2	4561412222	3 6 6 1 4 1 1 2 1 3	3551513222	3651612223	4 7 5 1 5 1 1 3 3	4 9 5 1 5 1 2 2 3 4	4 9 5 1 1 1 2 3 4	4 7 3 1 5 2 2 2 3 4	4 7 2 6 3 3 2 3 3	5 5 3 3 5 3 3 2 3 3	8 2 3 3 3 3 2 3 4	5 8 2 3 3 1 2 3 3	5 8 2 3 3 1 3 2 4	7 8 1 4 3 1 1 2 3 3	6 8 1 3 3 1 1 1 3 3	86143111333	7 5 1 4 2 2 1 1 3 3	5 5 1 4 2 1 1 3 2 3	4 5 1 4 1 1 2 2 2 3	5 7 1 3 1 1 2 2 3 3	5613123233	5632422233
21 22 23 24 25 26 27 28 29 30	3 2 1 2 3 3 3 4 3 3	32123344333	3 2 1 1 3 3 3 3 3 2 2	2211233343	2212223443	2 1 1 2 3 3 3 3 3 3 3 3	2111234432	2111236433	2 1 2 1 2 3 9 4 3 3	3 1 1 2 3 9 4 3 3	3 1 2 2 3 3 7 4 3 3	3 1 2 1 3 3 9 4 3 3	3 1 3 1 3 6 4 3 3	3 1 5 2 4 4 6 4 3 3	2 1 1 2 3 3 8 4 3 3	2 1 3 5 3 7 3 3 3	2 1 1 2 4 4 7 4 3 3	2123447333	1123355334	1 1 1 3 2 4 4 3 3 4	21232443334	1 1 2 3 3 4 5 3 3 4	2113235334	2123234323	2 1 2 2 3 3 5 4 3 3
MEAN	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HEARN NNE 10, LESLIE ST TORONTO NO 31016 MONTH JUL HOUR DAY 24 MEAN 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 1 4 1 5 1 4 1 5 1 2 22 23 24 25 26 27 28 29 30 0 0 0 0 1 0 0 0 1 ò

PERCENTAGE OF DATA VALID -

 MEAN

					ON	TARIO	MINIST	RY	OF TH	IE E	NVIRON	MENT	- AIR	R MA	NAGEM	ENT E	BRANCH	4						
	POLLUTAN	1T -	SULPHU	R DI	OXIDE							UNI	TS -	PART	S PER	HUNDE	REDMI	LION						
	STATION	~ HE	ARN NN	E 10	, LES	LIE ST	TORONT	0 NO	31016	3		MON	ITH AU	JG	72									
HOUR	1 2	2	3 4		5	6 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 3 1 1 1 1 2 1 1 2 1 1	1 3 3 3 1 1 1 1 1 1 1 1 1 3 3 3 1 1 1	4 1 4 1 3 2 1 2 4 1	4 1 3 2 1 2 6 1	3 1 2 2 1 2 4 1	3 1 4 2 4 2 2 3 3 2	3 1 5 1 3 3 1 1 1	2 1 4 1 3 3 2 5 1	2 1 1 2 2 2 4 1 1	2 1 4 1 2 2 3 3 1 1	3 1 3 1 2 2 1 3 1 2	3 1 2 1 1 1 2 1 2 1 2	3 1 1 1 1 1 1 1 2	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 1 1 1 1 1 1 2 1 1	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 2 1	1 1 1 2 1 1 1 1 1 1 1	3 1 3 1 2 1 1 2 2 1
11 12 13 14 15 16 17 18 19 20	1 2 2 3 3 3 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1		2 1 22 2 4 3 1 1 1 1 1 1 1 1 1 1	To Well-berger	1	2 3 1 22 2 25 5 5 1 1 1 1 1 1 4 6 2 1		3227221452	2 3 2 8 1 2 1 3 5 2	3 4 1 5 1 1 2 3 4 3	3425121333	3 4 1 4 3 1 1 3 3 3 3	3 4 2 3 2 1 2 3 3 4	3 1 2 1 2 1 2 3 3	33111113333	2 3 1 1 2 1 1 2 3 3	2 3 1 1 1 1 2 3 5	2 3 1 1 1 1 3 3 2	1 2 1 1 1 1 1 2 1	2 3 1 2 1 1 1 2 2 2 2	2 3 1 1 1 1 1 1 2 1	2 3 1 1 1 1 1 2 1 1	1 3 1 1 1 1 1 2 2	2 3 2 3 1 1 1 3 3 2 2
21 223 245 267 229 230 230	1 2 3 4 2 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0		1 1 4 3 1 2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3	2 3 5 4 1 0 0 0 2 4 0 0 0 1 1 1 0 0 0 0	3 4 1 0 4 0 0 1 1	3 4 2 0 3 0 5 1 1	34433103211	4 5 3 2 1 0 3 3 0 1	5561301200	4 5 6 2 1 0 1 1 0 0	5 4 5 1 1 0 1 2 0 0	5 1 4 1 1 0 1 4 1 0	4 2 3 1 1 0 1 3 0 0	4310111310	4 3 2 0 1 0 3 3 0 0	5320101400	4310001000	4210001500	4101000100	4 2 0 1 0 0 1 3 0 0	4201003100	3 2 1 1 0 1 2 0 0
31	0 0		0 0		0	0 0	0	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
MEAN	1 1		1 1		1	1 2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION -HEARN NNE 10, LESLIE ST TORONTO NO 31016 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN OONOONONOO OONOONOOO SONNONNOO 12 13 14 15 16 17 18 19 20 3 2 3 1 13 4 2 2 1 3 1 3 1 17 4 2 2 1 22 23 24 25 26 27 28 29 30 SCOCKERS

3 3

2 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID - 100

2 2

MEAN

						ONTA	RIO	MINIST	RY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEN	ENT	BRANC	ЭН						
	POLL	UTANT	- SUL	PHUR	DIOX	(IDE							UN	ITS -	PART	S PER	HUND	DREDMI	LLION	1					
	STAT	ION -	HEARN	NNE	10.	LESLI	E ST	TORONT	0 N O	3101	6		MO	NTH C	CT	72									
HOUR DAY	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	2 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 1 0 0 0 0	4 3 1 0 0 0 0 1 ***	100000	5 1 0 0 0 0 0 0	6 3 2 0 0 0 0 0	7 5 3 0 0 0 0	3000000	3 6 3 0 0 0 0	3 9 0 1 1 0 0	38 80 00 00 00 00 00 00 00 00 00 00 00 00	3 9 0 0 1 0 0	3 7 0 0 1 0 0	360001000000000000000000000000000000000	3 5 0 0 0 0 0 0	0 0 0 0	3 0 0 0 1 	3 4 0 0 0 0 0	2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 0 0 0 0	2300000000	2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 4 1 0 0 0 0
11 12 13 14 15 16 17 18 19	0 4 0 3 1 1 0 1 2 5	1 5 1 4 0 4 0 1 1	1 4 0 5 0 5 0 1 1 5	1 4 0 2 0 4 1 2 1 6	0 4 0 2 0 3 1 2 1 6	1 4 2 3 1 3 1 1 1 2 8	2313080238	2 3 1 3 0 5 1 3 3	23040403336	3 2 0 3 3 4 1 3 3 3	23 05 76 16 25	2 2 3 11 4 1 1 3 1 4	2 2 3 8 1 3 1 2 1 5	3 1 4 8 0 2 1 3 1 4	3 2 5 3 0 1 1 4 1 4	51 4 1 0 2 1 5 1 5	5 1 2 1 1 0 3 1 5	5 1 2 1 6 2 0 1 1	4 1 2 1 3 2 1 1 1	30310213	3031021314	3 0 3 0 1 5 1 1 1 3	4 1 8 0 0 4 1 1 3 3	6 3 0 0 1 1 1 3 3	3223131225
21 22 23 24 25 26 27 28 29 30	3 3 3 0 3 0 1 0	3 1 2 3 0 2 0 1 0 0	4 1 2 3 0 3 0 1 0 0	4 1 2 1 0 1 0 1 0 0	4231010100	3 3 1 0 1 1 1 0	333100111000	232100000	3321011000	3 1 1 0 1 1 0 0	3 3 1 1 0 1 2 0 0	5 3 1 0 0 2 3 0 0	3 3 2 0 0 2 5 1 0	3 3 3 0 1 1 4 1 0 0	2 3 3 0 1 1 3 1 0 0	1340114100	1 3 4 0 2 1 4 1 0 0	1 3 4 0 0 1 4 1 0	1 3 4 0 0 1 4 1 0 0	1 3 4 0 0 1 3 1 0	1240002100	1 2 4 0 0 0 1 1 0 0	1 3 0 0 0 1 1 0	1330101100	2 3 3 1 0 1 2 1 0
31	0	0	0	0	1	1	1	2	3	3	3	1	0	0	0	4	9	9	9	9	9	9	9	11	4
MEAN	1	1	1	1	1	2	2	2	2	2	2	,	2	2	2	2	2	2	2	2	2	2	2	2	•

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - HEARN NNE 10, LESLIE ST TORONTO NO 31016 MONTH NOV HOUR 1234567890 1011234567890 11123456717890 24 MEAN 3 3 2 2 3 2 1 3 2 2 3 1 3 0 1 3 2 4 2 4 3 4 1 5 1 22 23 24 25 26 27 28 29 30 2 1 7 2 15 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING MEAN

PERCENTAGE OF DATA VALID - 79

						ONTAI	RIO	MINIST	Y	OF T	HE E	NVIRON	MENT	- AIR	MA.	NAGEM	ENT I	BRANCH	4						
	POLLU	TANT	- SULI	PHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUNDI	REDMI	LLION						
	STATI	ON -	HEARN	NNE	10,	LESLI	E ST	TORONTO	ON C	31016	5		MON	TH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	3242032334	3 4 3 0 3 3 4 4	6332033336	6331 0433 47	9331143356	8 3 1 1 4 2 3 5 4	9331163354	8332272354	5 3 1 2 6 3 2 6 4	6 4 3 0 2 4 4 3 7 4	3931356365	2943355364	1 5 3 4 3 4 3 5 4	1 5 3 1 4 3 3 5 4	2 4 3 1 1 4 4 4 3 4	3 7 3 4 3 3 4 3 5 4	3 7 3 4 3 3 3 4 4	2 5 4 3 5 3 4 4 4	2 3 3 4 4 3 4 3 4 4	1 4 4 2 3 3 3 3 4 4	1 3 4 2 3 3 3 3 4 4	1 3 4 3 3 3 4 4 4 3 4	2432323343	1 4 3 1 3 2 3 3 4 3	4 3 2 2 4 3 3 5 4
11 12 13 14 15 16 17 18 19 20	3645441394	3 6 5 5 4 5 2 3 10 5	2655443485	2755343605	3885353504	3886353524	3785353594	4575343674	3 5 5 5 3 4 3 6 7 3	5 4 6 5 2 4 3 6 0 2 1 2	3 5 6 2 4 7 10 2	10 3 5 5 5 2 4 5 7 11 2	6 2 5 5 1 4 4 5 9 2	4 1 5 5 2 3 5 7 8 3	4 1 5 5 2 3 5 7 5 3	3 5 5 5 2 3 5 8 7 3	3 6 5 2 6 8 7 3	3 7 5 3 2 9 10 6 3	3 7 5 2 2 8 9 5 2	4 4 6 4 3 2 10 9 5 2	3 4 7 5 3 2 17 13 5 2	4 6 5 4 3 7 10 4	3 4 6 5 4 3 4 10 5 1	4 4 5 5 4 1 4 9 4 1	4 6 5 3 5 7 8 3
21 223 445 222 222 222 230 230 230	1433443530	1 4 3 3 4 4 3 4 3 0	1423443420	1433443421	2 4 2 3 4 4 3 4 1 1	24233333421	3 4 2 3 4 4 3 3 4 1 1	3433333511	2 4 3 3 3 5 5 1	24343355512	2435333511	3 4 3 5 3 4 3 6 1 1	3 4 3 5 3 5 3 4 1	3435352402	3335353303	1 4 3 4 2 5 3 3 0 3	1 4 3 4 3 6 3 3 0 3	3 3 4 3 4 5 3 0 3	33344445303	3 3 3 4 4 3 4 4 0 3	3334435303	3334424403	4334424403	3334335303	2 4 3 4 4 4 4 1 2
31	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	5	5	4
MEAN	3	4	3	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	3	4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - HEARN NNE 10, LESLIE ST TORONTO NO 31016

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN

PERCENT OF DATA VALID

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

ARITH MEAN

3.2

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	10	23
FEB	27	4	8	1.8
MAR	31	4	8	13
APR	30	5	8	1.5
MAY	31	3	7	9
JUN	30	3	6	9
JUL	31	3	5	11
AUG	31	2	3	8.
SEP	30	2	7	17
OCT	31	2	5	11
NOV	25	3	6	1.5
DEC	31	4	8	1.7
YEAR	359	3	10	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - HEARN NNE 10, LESLIE ST TORONTO NO 31016 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL 4.7 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

10 30

FREQUENCY DISTRIBUTION. PERCENT

0.4 1.3 2.5 3.5 5.7 7.4 9.1 10.3

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 2 4 4 10 3 4 1 4 4 4 1 11 2 3 0 6 2 3 3 1 10 0 1 15 3 5 2 5 2 5 2 3 0 10 0 2 0 4 10 1 1 0 4 12 13 14 15 16 17 18 19 20 1517554 4 6 6 4 1 3 3 4 4 2 10261 2 4 1 1 1 5 6 7 5 2 4 1 9 4 14 7 6 1 4 3 1 14 4 13 4 8 1 4 4 6 5 3 10 11 4 5 4 4 6 6 6 4 4 3 8 4 5 4 1447 32 14 3 7 2 3 22 23 24 25 26 27 28 29 30 3 2 0 1 1 0 2 1 0 0 **** 1 ****

 PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINIS	STRY	OF 7	THE E	ENVIR	ONMEN	T - AIR	MA	ANAGEN	MENT	BRANG	CH						
	POLI	UTAN	r - SI	JLPHU	R DIO	XIDE							U	NITS - F	PART	TS PEF	HUND	DREDM:	ILLION	1					
	STA	ION	- COLI	LEGE	1ST F	LST	DRONTO	OAMS	ST NO	3108	31		M	ONTH FEE	3	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	2 2 0 2	3 0 1	2 3 ****	5 3 0 0	4 2 0 0	3 0 1	4 3 0 1	4 3 1	4 3 2 1	4 3 1 1	4 3 0 1	3 1 0	3 1 1 0 DATA	0 2 0 1 MISSING	0 1 0 1	1 0	5 0 0 1	6 0 0 2	10 2 0 4	8 2 0 4	8 1 1 3	7 2 1 3	7 0 1 2	2 0 1 2	4 2 0 1
7 8 9 10	**** 1 6 7	**** 2 7 6	**** 2 7 6	**** 2 7 6	*** 2 7 8	**** 2 6 8	**** 2 7 9	**** 2 6 9	**** 2 5 12	* * * * 2 7 11	* * * * * 2 7 11	**** 4 7 ****	DATA **** 5 4 15	MISSING 5 4 17	5 5 14	3 4 6 11	3 4 5 ****	2 4 5	2 4 5 ****	3 6 4 6	3 6 4 5	2 6 4 4	2 7 5 3	2 6 6 3	**** 4 6 9
11 12 13 14 15 16 17 18 19	5 9 10 4 5 4 6 2 2 0	5 10 11 5 6 6 ****	5 11 12 5 7 6 ****	5 11 11 6 8 8 6 ****	5 12 10 6 6 7 *** 3 2	6 14 11 6 6 6 6 3 2	7 14 9 5 6 6 **** 3	7 19 9 6 8 7 **** 5 1 0	6 18 8 6 7 6 * * * * *	6 15 9 5 5 5 5 5 4 4 4 4 3 1 0	7 14 6 5 4 5 ****	611555554320	7 8 5 4 7 6 6 3 2 0	11 9 6 7 7 7 4 3 20	9755683220	13 7 5 5 5 7 2 2 1 0	12 7 55 55 6 2 2 1 0	9755 481 201	7 6 5 4 10 2 2 1	66 55 4 10 2 2 0	7 5 6 5 4 8 3 2 0 2	7 3 6 4 4 7 3 2 0 2	9665463202	7 8 * * * * 5 4 6 3 2 0 2	7 10 7 5 5 7 ****
21 223 234 256 27 289	1 1 5 6 9 2 2	2 1 8 9 9 2 2	2299632	2 3 7 8 7 2 2	1 4 8 8 10 4 2	1 4 10 8 10 11 3	1 4 10 6 9 13 3	1 4 9 7 8 17 3	1 8 8 9 16	1 4 5 7 9 12 ***	1 5 4 6 9 9	1 5 2 5 1 0 9 * * * * *	1 4 4 5 8 7 **** DATA DATA	9 4 4 6 7 6 **** MISSING	8 4 4 4 5 8 6 6 6	6 5 4 4 3 3	7 3 4 3 4 3	6 1 4 3 4 3	3 1 2 3 4 2	4 2 2 3 4 2	5 2 2 2 4 3	2 3 2 2 4 3	2 4 2 2 4 4 * * * *	2 5 2 4 3 4 ****	3 3 5 5 7 6
MEAN	4	4	5	5	5	5	5	6	6	5	5	A	5	5	6	4	4	Á	4	4		2	A.	2	4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	POLI	UTAN	1 - St	JLPHUI	KOIO F	IDE							U	NITS	PAH	IS PER	HUNI	DREDMI	ILLION	4					
	STAT	TION	COL	LEGE	ST FL	ST	ORONTO	OAMS	T NO	3108	31		M	ONTH I	MAR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	5 4 2 3 3 1 2	**** 7 6 3 4 3 2 3	* * * * * 7 4 2 4 2 3 4	* * * * 6 4 2 3 2 4 3	**** 5 4 2 4 2 3 3	**** 7 4 2 5 2 4 2	*** 46233342	**** 6 3 10 3 4 3	**** **** 4 3 8 3 7 3	**** 433 63 62	**** 4 3 2 5 3 3 2	**** 4 2 2 5 3 3 2	DATA 3 4 2 2 6 2 2	MISS: MISS: 34 32 66 22 33	ING - 3 1NG 3 2 3 2 5 2 2 3	23355322	1 2 3 13 8 3 3	12365232	12323	32323262	4 1 3 2 3 1 5 2	4 1 3 3 3 1 3 2	4 1 3 3 4 1 3 3	4 3 3 3 4 1 3 4	**** 4 4 3 5 2 4 2
11 12 13 14 15 16 17 18 19	4 3 4 2 1 2 5 2 0 2	6 4 6 2 2 2 2 5 2 1 2	6 4 5 2 2 2 5 1 0 2	5542235002	3 5 4 1 1 4 7 0 0 2	2 6 4 1 1 3 7 0 3 2	2 7 4 2 1 4 7 0 3 3	3843236034	4 8 4 3 2 3 6 0 2 3	4 7 4 2 2 3 7 0 2 2	4 6 3 1 2 3 5 0 2 4	5631244123	5 6 3 1 2 3 3 1 1 4	66 4 2 **** 2 3 1 2 4	5643323134	4 5 3 3 3 3 3 4 4	2 4 2 1 2 3 ****	1 4 3 1 2 3 **** 4 3 4	1 3 2 0 2 3 4 4 5 2	2 4 3 1 2 3 5 3 10 3	3 4 3 1 2 3 4 1 14 3	3 4 2 1 2 3 4 1 9 2	4 4 2 1 2 3 4 1 5 2	4 4 1 1 2 3 3 1 3 3	4 5 3 2 2 2 3 5 1 3 3
21 223 245 227 228 229 229 230	32* 223122	33*************************************	34.323222	322223	322223	1 2 3 2 2 2 1 4	23* 322226	33* 323249	4 3 2 4 2 3 3 4 7	3 **** 3 6 4 4 7	3 2 4 3 6 4 4 5	4 2 5 3 3 5 3 4	1 3 3 2 5 2 5 2 3 DATA	2 3 3 2 5 3 3 MISS	4 2 3 3 2 4 *** 3 1 8 1 8 1 9	2322322	22 32 34 2	1232222	2 * * * * 1 1 3 2 2 1 2	**** 1 23 3 2 2 2 2	2 **** 1 2 3 2 1 1 2	2 **** 1 3 3 2 1 1 2	2 **** 2 4 6 2 2 1	2 4 7 2 3 1	3 2 3 3 3 3 2 3
31												- 2	DATA	MISSI	NG -										
MEAN	2	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF	THE	ENVIRONMENT -	AIR	MANAGEMENT	BRANCH
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	POLI	UTANT	- SI	JLPHU	R DIO	XIDE							U	NITS -	PAR	TS PER	R HUNE	REDMI	LLION	ų.					
	STAT	TION -	COLI	EGE	IST F	LST	ORONTO	OAMS	T NO	3108	31		М	ONTH A	PR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12		14 MISSI	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5	* * * * 2	****	****	* * * * 3	****	****	****	****	* * * *		****		DATA DATA 0	MISSIN MISSIN	VG -	1 0	1 0	1 0	1 0 2	2	1 0	1 0	1 0	2	****
6 7 8 9	0 1 0 0	0 4 0 3	0 3 0 2	0 3 1 2	1 2 1 2 0	1 2 0 1 0	0 3 0 1	1 3 2 3 1	1 2 3 3 2	2 3 1 4	1 3 0 6	0 4 0 8	0 0 9	0 1 8	0 1 0 1 5	1 1 2	3 0 0 1	3 1 0 0	2 1 0 0	3 1 0 0 1	3 1 0 1 2	2 0 0 0 2	3 0 0 0 2	0 0 1	1 2 1 1 2
11 12 13 14 15 16 17 18 19 20	2 0 2 1 1 1 1 1 1	2321222	2322133	1 2 1 0 1 3 3	4 2 1 0 1 4 2	6 2 1 1 1 1 3 1	5212134	6 4 1 5 1 4 9	10 5 1 6 1 4 8	8 5 1 5 1 4 6	4 5 1 4 1 4 5	6 6 1 3 1 4 4 4	DATA	4 6 6 3 2 3 MISSIN MISSIN MISSIN	VG -	4 6 4 3 3 2	353232	1 3 2 2 3 1	1 3 2 1 2 1 2 1 * * * * *	1 4 3 1 2 2 2 * * * * *	0 3 1 1 2 2 2	0 3 1 1 1 2 2	0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 4 2 2 2 3 * * * * *
21 22 23 24 25 26 27 29 30												* * * * * * * * * * * * * * * * * * * *	DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG - NG - NG - NG - NG -										
MEAN	1	2	2	2	2	1	2	3	4	4	3	3	3	3	2	2	2	1	1	2	1	1	1	1	2

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

UNITS - PARTS PER HUNDREDMILLION

	STAT	TION	- COL	LEGE	ST F	ST	ORONTO	OAMS	ST NO	3108	31		MC	HTMC	MAY	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9 10	0 0 0 3 1 3 0	1 0 1 2 1 3 1 1	**** 1 0 1 2 1 1 1	**** 1 0 1 1 1 1 2 1	**** 1 0 1 1 1 1 2 1	**** 2 1 1 1 1 1 1	* * * * * 4 1 1 2 1 3 1	**** 8 1 3 4 1 4 1 3	**** 8 2 3 4 1 3 2 2	**** 9 2 2 3 1 2 1 2	**** 7 2 2 2 2 1 1 2	11 4 2 1 1 2 1 1	DATA 11 3 2 1 5 1 2 1	MISS 9 4 2 1 7 7 2 ***** 1 2	ING - 7 4 2 1 6 2 3 1 2	4 1 1 6 1 2 1 2	2 2 1 1 5 2 1 1 2	1 1 1 3 3 1 1 1	1 1 1 2 3 0 1 1	1 1 3 3 3 1 1	1 1 0 3 2 3 1 1 2	1 0 0 8 2 2 1 1	1 0 0 8 1 2 1 1	0 ***	* * * 3 1 2 3 2 2 1 2
11 12 13 14 15 16 17 18 19 20	3 0 0 0 0 0 0 0	3 **** 1 0 0 0 0 0 1 1 0	2 **** 1 0 0 0 0 1 1	**** 1 0 0 1 0 1 0 0	000000000000000000000000000000000000000	2 **** 1 0 0 0 0 2 0	3 **** 1 0 0 0 0 0 4 1 1	5 0 0 0 0 0 4 1 1	7 **** 0 0 0 0 0 0 4 0	4 * * * * * 0 1 0 1 1 5 1	2 **** 0 0 2 10 1 4 1	2 **** 0 1 3 8 2 2 1 1	1 **** 0 2 3 **** 2 2 1 1	0 4 1 ***** 1 1 1 1 1	2 * * * * * * * * * * * * * * * * * * *	2 * * * * 0 1 2 1 1 3 2 2	1 3 0 0 2 0 1 3 1 2	1 2 0 0 1 0 1 2 1	1 0 0 0 0 0 1 1 1 0	1 3 0 0 0 0 1 0	1 0 0 0 0 0 1 0	0 0 0 0 1 2 1 1	0 0 0 0 0 0 0 4 2	0 ***	2 * * * * 0 1 1 1 1 2 1
21 22 23 24 25 26 27 28 29 30	1 0 1 0 1 0 1 1 0	1 0 0 0 1 0 0 1 3	6000100132	1 0 0 0 1 0 0 1 4	0 3 0 1 1 2 1	0 0 4 0 0 1 1 1 2 1	4 0 5 0 0 1 3 4 4	13 0 6 0 0 1 3 10 9	7 0 3 0 0 1 1 10 4	5 0 4 1 0 3 2 4 3 1	4 0 2 1 0 3 3 4 4	3 0 2 1 0 1 1 2 3	3 0 2 1 0 1 1 2 2	3011011230	2 0 1 1 0 1 1 2 2 1	201100211331	2 0 1 1 0 2 1 1 4	3 0 4 1 0 2 1 1 3 1	3 0 7 1 0 1 1 2 3 1	1 1 3 2 0 1 2 2 2 1	0 0 0 2 0 1 2 1 3 1	0 6 4 3 0 1 2 1 3 1	0 1 4 2 0 0 1 2 3 2	0 1 0 0 1 2 2 2 2	3 0 2 1 0 1 1 2 3 1
31	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	ì	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	2	Ť	1	1

PERCENTAGE OF DATA VALID - 92

POLLUTANT - SULPHUR DIOXIDE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRAI

	STAT	TION	- COL	LEGE T	IST F	LST	ORONTO	OAMS	ST N	0 310	B 1		M	ONTH J	UN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 **** 2 **** 0 0 0	3	0 **** 0 0 0 0	0 **** 4 **** 1 0 1 1	0 0 3 0 0 1 0 1 0 ***	0 **** 2 **** 0 0 1	0 **** 2 **** 0 1 1 1	0 **** 3 **** 1 1 1 0	0 **** 4 **** 2 0 2 0	0 **** 4 **** 2 1 2	0 **** 5 *** 2 1 1 1	0 * * * * 4 0 2 1 1 0	0 1 1 1 4***	0 5 2 MISSI 0 2 1 1 ****	0 1 0 1	0 5 2 0 1 3 1	0 4 **** 0 0 2 1	0 1 **** 0 0 1 1 ****	0 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0	0 1 0 0 0 0 0 0	0 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 3 **** 0 0 1 0 ****	1 0 0 0	3
11 12 13 14 15 16 17 18 19 20	**** 0 **** 0 **** 0 *** 1 1	0 0 3 1 **** 0 ****	0021	0 0 2 2 2 **** 0 ****	0022	0 0 2 3 **** 0 ****	2350	0 0 2 4 5 0 ****	1 0 2 4 5 0 ****	2 2 2 **** 5 0 0 4 4	0 3 1 **** 5 1 0 0 2 4	0 2 1 **** 3 2 0 0 3 3	0 2 1 **** 2 4 0 0 0 4 2	0 2 1 **** 1 3 0 0 4 2	0 2 1 * * * * * 1 1 0 0 3 2	0 3 2 **** 1 1 0 1 4 3	0 3 1 **** 2 1 **** 1 4 2	0 2 0 **** 3 0 **** 0 4 2	0 2 0 0 **** 2 0 0 0 0 4 1	0 2 0 **** 1 0 0 0 4 1	1 **** 0 **** 1 0 0 0 4 1	0 0 0 0 0 4 1	0 **** 1 0 0 1 3 3	0 **** 0 **** 1 0 0 1 2 2	0 1 1 **** 3 1 ****
21 22 23 24 25 26 27 28 29 30	1 0 0 0 0 1 0 1 2	1 0 0 0 1 1 1 1 1 2 2	1 0 0 0 1 0 0 1 2 2	2 1 0 0 1 1 1 1 1 2 2	200001111122	200001111123	20000102422	3 0 0 0 2 1 3 5 2 3	3 0 0 0 2 2 4 5 2 2	3 0 0 0 0 2 3 3 2 2	4 **** 0 0 1 2 4 3 2 3	4 0 0 0 2 2 6 2 2 3	40000225222	3000225223	2000226223	2000236223	2 0 0 1 2 5 2 4	1 0 0 1 2 6 2 1 3	1 0 0 0 1 4 4 1 1 3	1 0 0 0 1 2 3 1 0 2	0 0 0 1 2 2 1 0 1	0000113211	0 0 0 0 1 1 2 2 1 1	0 0 0 1 1 1 2 2	20000123222
MEAN	1	1	1	1	1	1	9	2	2	2	2	2	2	2	1	2	2	- 1	1	7	1	1	1	3	1

	POLLU	TANT	- SUL	PHUR (DIOXI	DE							UN	ITS -	PART:	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	COLLE	GE 151	r FL	S TOR	ONTO	OAMST	NO	31081			MO	NTH JU	JL :	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0 0 0 0 1 2 4 2 3	0011010524	0 3 1 0 1 1 3 2 3	0001100100224	0 1 0 1 0 2 2 4	0 5 1 1 0 1 0 2 2 4	04110233324	0 3 1 1 0 2 4 3 4 3	1302014444	2 4 0 2 0 1 3 4 4	3301025344	5 3 0 3 3 3 3 4 3	11 3 3 4 4	3 2 4 4 3	2 2 0 1 0 2 1 4 4 3	2 1 0 3 0 1 1 3 4 3	22030113343	1 1 0 2 1 1 1 3 4 3	1 1 0 1 2 0 1 4 4 4 2	1 1 0 1 2 0 1 4 3 2	0100200331	1 1 0 0 1 1 0 3 3 2 2	10000120331	0000151330	1201021333
11 12 13 14 15 16 17 18 19	0 6 1 4 2 1 2 4 2	0272421232	0272511332	0 2 6 2 6 2 1 3 4 2	0 4 7 2 5 2 1 3 5 3	1 4 6 1 4 2 1 3 4 3	2 7 7 2 4 3 3 5 4 3	37 8 1 4 2 3 6 4 4	3972423636	3563443539	3 5 5 4 5 6 3 5 3 7	3 5 6 4 8 5 3 5 3 5	3 5 4 4 5 3 4 5 4 6	56445546	4554495545	4 5 6 4 3 4 5 5 4 7	3554355557	3 6 4 5 3 4 5 7 4 5	3744245655	3 8 3 2 4 4 4 4 5	39341233335	36152233334	3614323535	26 1 4 5 2 2 4 3 5	25534334455
21 22 23 24 25 26 27 28 29 30	500000000	500000000	5000000000	5000000001	50000000001	5 0 0 0 0 0 0	5000000001	500000000001	5210000001	43100000001	40100000011	4 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0020000001	0 0 0 0 1 0 0 1	0 0 0 0 0 1 1 1 1 1	0 0 1 0 0 1 1 1	000000010	0000000100	0000001000	0000001000	0000000001	000000000	2000000001
31	0	0	0	0	0	0	0	2	2	3	4	2	2	2	2	1	1	1	1	1	1	0	1	1	1
MEAN	1	1	ì	4	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	*	2	2	•

PERCENTAGE OF DATA VALID - 99

						ONT	ARIO	MINI	STRY	OF '	THE I	ENVIR	ONMEN	T - A1	R M	ANAGE	MENT	BRANC	н						
	POLI	LUTAN	r - si	JLPHU	R DIO	XIDE							U	NITS -	PAR	TS PE	R HUND	DREDMI	LLION	N .					
	STAT	TION	- COLI	LEGE	IST F	LST	DRONT	OAMS	ST N	0 310	81		M	ONTH A	AUG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	100000000000000000000000000000000000000	100000000000000000000000000000000000000	00100000000	0 1 1 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000000000000000000000000000000000000	2010100021	1 1 2 0 0 1 0 1 2 1	21100010131	2 1 2 1 3 2 1 1 1	2 1 1 1 2 1 1 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 0 1 1 1 3 0	000011101	2100010203	3210011100002	22 1 0 1 1 0 0 0 0	2 1 1 0 0 1 0 0 0 0 0	2 1 1 0 0 1 0 0 0	2 1 0 0 0 0 0 0	1 0 0 0 0 0 0	3 1 0 1 0 1 0 0 0	1 0 0 0 1 0 0	1 1 0 0 1 0 0 0 1
11 12 13 14 15 16 17 18 19	0 2 0 1 0	0 2 0 3 0	0 3 0 3 0	0 3 0 2 0	0 2 1 3 0	0 3 0 3 0 1	2 2 0 3 0 1	5 3 1 5 1	3 5 1 4 	2 5 1 5 0	1 5 1 3 0	1 4 1 3 1	DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG -	1 4 2 1 1 0	1 3 1 1 0 0	1 2 2 1 0 1	1 1 1 1 0 1	1 0 1 1 0 1	2011	0 1 1 0	2 1 1 1 0	00000	1 3 1 2 0
21 22 23 24	12 7	13	7 7	6 8	6 5	6 5	7 5	7 5	7 5	7 5	6 7	6 7		5 MISSI		6	6	6	⁶	5 9 ••••	⁵	7	6 7	⁹	7
22 23 24 25 26 27 28 29 30	2 3 2 0	2 3 3 0 0	2 3 3 0 0	3 3 2 0	2 3 3 1 0	2 3 2 0 0	2 3 2 0 1	2 3 2 1	2 4 3 1	3 5 1	3 4 0 1 1	3 4 0 1	3 4 0 1 0	3 4 0 1 0	3 4 0 1	3 4 1 2 0	3 3 2 4 0	3 3 1 1 0	3 4 1 1	3 4 1 1 0	2 3 1 0	3 2 1 0	2 3 2 0 0	2 3 2 0 0	3 3 1 1 0
31	0	0	0	0	0	0	2	5	2	• • • •	••••	• • • •		••••					• • • •	• • • •		• • • •		• • • •	
MEAN	1	1	-1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	,	4	1	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO DAMST NO 31081 MONTH SEP HOUR 1 2 3 4 4 5 6 6 7 8 9 9 1 0 1 1 1 2 3 1 4 4 1 5 6 1 7 7 1 8 9 2 0 24 MEAN 300010* -00000000 0 0 0 0 0 2 1 1 22 23 24 25 26 27 28 29 30 MEAN

PERCENTAGE OF DATA VALID - 96

						ONT	ARIO	MINIS	STRY	OF T	HE E	ENVIRO	DNMEN	T - A:	IR MA	ANAGEM	ENT	BRANCH	4						
	POLI	LUTAN	T - SI	JLPHUI	R DIO	XIDE							U	NITS	- PART	TS PER	HUND	REDMIL	LION	٧					
	STA	rion	- COLI	LEGE	IST F	LST	ORONT	OAMS	ST NO	3108	31			ONTH (72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 9	* * * * * * * * * * * * * * * * * * *	**** **** 2 1 1 1 2 1 2	**** **** 2 0 0 1 2 1 2	**** **** 2 0 0 1 3 1 2	***** 1 0 0 0 6 0 2	**** **** 1 0 0 0 3 0 3	* * * * * * * * * * * * * * * * * * *	**** **** 3 2 1 1 3 1 3	* * * * * 3 3 3 1 1 3 4	* * * * * 1 3 3 3 1 0 2 1 2	* * * * * 1 3 1 1 0 1 0 1 1 0 1	**** 1 2 1 1 0 1 0 1	DATA **** 3 5 2 3 1 1 1 1	MISS: 22 55 22 11 11 11 11 11	ING - 0 2 3 1 1 1 1 1	0 0 3 1 0 1 1 0 1	0 0 3 0 0 0 0	00200000	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**** 1 1 2 1 1 1 1 1 ****	**** 0 1 1 1 1 1 1	**** 0 1 0 1 0 1 0 1	****	**** 0 0 0 0 0 0 0 0 0 0	**** **** 2 1 1 1 2 1 2
11 12 13 14 15 16 17 18 19	0 1 0 1 0 0 1 1 2 5	1 1 0 2 0 1 1 1 1 2 6	1 1 0 1 0 1 0 1 3 6	1 0 0 1 0 0 1 3 8	000000000000000000000000000000000000000	100000000000000000000000000000000000000	0 1 0 1 0 0 2 1 8	1 1 1 0 0 0 1 1 8 8 * * * *	1 1 2 1 1 0 1 2 8 ****	1 0 2 2 1 0 0 5 6 6 * * * * *	1 0 2 1 0 0 0 3 4 4	0021000233	0 0 4 1 0 1 1 2 2 3	2 0 6 1 0 1 1 ***** 2 3	1 0 4 0 0 0 3 2 3	1020030523	1 0 0 0 0 5 0 4 2 4	10000000228	2000010325	2 0 0 0 1 0 4 4	1 0 1 0 0 2 0 3 4 6	2 0 1 0 0 2 0 2 4 4	5 0 1 0 0 1 0 2 3	3 0 1 0 0 0 0 2 3	1 0 1 0 2 4 5
21 22 23 24 25 26 27 28 29 30	4222122522	5222132522	10222132622	10232125622	5632136622	4 10 3 3 1 4 5 4 2 2	5733158314	5533198315	5433177314	5434256413	4435258412	4422259213	3323247313	332325** 312	3334248313	3244226322	2233224322	2253325322	2 7 2 4 2 6 4 2 2	2243335412	2243395422	2233384322	2 2 3 2 4 4 4 3 2 4	2232434224	4333245423
31	5	5	5	4	3	3	3	4	4	4	4	3	3	2	2	2	2	2	2	2	3	2	3	2	3
MEAN	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	TON	COL	ECE	er c	1 2 1	OPONTO	OAMST	NI	3108	4		1.6	ONTH I	NOV	72										
												_										0.0				
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	1.6	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5	3 4 5 1	3 4 2	2 3 3 2	1 3 3 1	2 2 2	2221	2 2 2 1	2 2 1	3 2 2 1	3 2 2 1	3 2 2 1	3 2 2 1	4 2 4 0 DATA	2 2 4 0 MISS	2 2 3 1 ING -	2 1 2 1	2 7 1	3 2 3 0	2 3 1	3 3 0	3 4 0	3 4 3 0	3 5 2 0	3 4 2 ****	3 3 1	
6 7 8 9	2 3 1 2	3 3 1 2	4 3 1 2	5 3 2 2	5 2 2 2	2	4 2 2 2	5 2 2 2 2	6 3 4 2	3	6 3 0 2	5 3 0 2	5 2 0 3	4 3	3 3 2 3	4 3 3 3	4 3 2 3	2 2 2 2	2 4 2 2 2	2 3 2 2	2 2 2 2	2 3 2 3 1	2 2 2 2	2 3 2 2 2	4 3 2 2	
11 12 13 14 15 16 17 18 19	2232532441	2232543331	1331556221	1 3 3 1 6 4 7 2 3	1 3 3 1 4 6 2 3 2		2	1 7 2 1 3 6 5 3 3 3	28 4 22 6 5 3 1 3	2 7 4 2 2 5 4 3 1	3632243212	3732233323	3 9 3 1 2 3 4 6 3 2	2 5 4 1 2 4 3 4 3 4	2431283323	2 3 3 2 2 10 ****	2232195215	3 2 3 3 1 6 4 2 2 6	3232254324	2 3 3 1 4 3 3 1 2	2534142312	1 3 2 4 2 3 2 3 1 2	2324222312	2326224312	2432354323	
21 22 23 24 25 26 27 28 29 30	4 5 4 2 6 3 3 3 3 8	4 5 6 3 8 3 3 4 2 7	3 5 6 3 6 3 4 3 6	3 5 5 3 5 3 3 3 3 3 7	4 5 5 3 5 2 3 3 4 8	3 6 4 3 5 2 2 2 2 3 6	6 5 3 5 2 2 2 3	5752622333	4 8 4 5 8 2 2 3 3 4	5 7 4 6 9 1 2 4 3 5	5 7 3 7 6 2 4 4 3 5	5654545434	5 4 4 4 9 3 4 3 3	5333463433	4 3 2 * * * * * 5 7 2 4 2 3	5 2 2 **** 4 8 2 4 2 3	922334102322	10 3 2 5 5 14 2 3 2 2	8 4 2 4 4 9 2 3 3 2	6 4 2 4 4 4 2 3 4 2	8324532362	6325432362	6426233362	4 4 2 8 3 3 2 3 10 2	55345553344	
MEAN	3	3	3	3	3	- 3	3	3	4	4	- 3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 93

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	Г - А	IR M	ANAGE	MENT	BRANG	ЭН						
	POLLU	TANT	- SI	JLPHU	R DIO	KIDE							U	VITS	- PAR	TS PER	R HUNI	DREDM	ILLION	1					
	STATI	ON -	COLI	LEGE	ST FL	ST	DRONT	OAM:	ST NO	310	81		M	ONTH I	DEC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 3 6 3 3 4 1 3 3 4	6363241234	7352341236	6 5 3 2 3 4 1 2 3 5	7 6 3 3 4 3 2 2 4 5	9533432245	6423542244	4 5 2 4 6 4 2 2 4 4	4534532243	*** 633 432 2253	3833434253	2643***47353	2 14 4 3 3 3 3 3 3 4 3	2543333342	22333	4 3 2 4	2643322342	2753324332	1 5 5 3 4 2 4 3 3 2	1463423322	2253424333	2352422332	3353412322	3 4 3 2 4 1 3 3 3 3 2 2	4543433343
11 12 13 14 15 16 17 19 20	2532232463	N53N3NN363	1532322453	1 6 4 2 3 2 3 10 8 3	1 6 4 2 3 3 3 4 10 3	2 7 4 2 3 3 3 4 6 2	2633333462	564 222 3462	5642223573	4432323562	4 4 3 3 3 2 3 5 6 *	7 4 3 2 3 2 3 5 4	4 4 2 2 3 2 3 4 3 * * * * *	333332353	34223322533****	2322322546	2322322547	2 4 2 2 3 1 5 4 4 7	2322325546	3 2 2 2 2 3 2 1 2 5 3 6	3222426536	3 3 2 2 4 3 9 5 3 6	4 3 2 3 4 2 7 6 3 6	4 3 2 4 2 5 6 4 6	3432324554
21 223 245 266 27 289 30	6866886	6968886*52	6969876**	6 9 6 10 8 7 6	7 8 6 10 8 7 6 *****	7 8 6 9 7 8 5 ****	7 8 6 9 7 6 5 ****	7 8 6 8 7 6 6 	7 8 6 8 7 5 7	6 10 7 9 6 5 ****	7 10 6 8 6 6 	7 9 7 8 6 6 	7 9 7 7 6 8 ****	7 9 7 7 6 7 0 0 0 0 3	7 8 6 7 6 7 8 8 8 4	7 7 6 7 6 7 ****	7 7 6 7 6 7 8 8 1 5	6 7 6 8 7 7	7 7 6 8 7 7 ****	7 7 6 8 7 7 ****	7 6 7 8 7 6 * * * * * *	7 6 7 8 9 6	7 6 8 8 8 8 6 ****	7 6 7 8 9 6 • • • • •	7 8 6 8 7 7 7
31												-	DATA	MISS	ING -										
MEAN	4	4	4	5	5	5	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	7	29
FEB	25	4	10	19
MAR	27	3	5	14
APR	1.4	2	4	10
MAY	30	1	3	13
JUN	28	1	3	6
JUL	31	2	5	11
AUG	26	2	7	13
SEP	30	0	2	6
OCT	30	2	5	10
NOV	29	3	5	14
DEC	30	4	8	14
YEAR	331	2	10	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN	567	144	13	3	1	0	728
FEB	308	213	22	7	0	0	550
MAR	524	80	2	0	0	0	606
APR	277	28	0	0	0	0	305
MAY	657	29	3	0	0	0	689
JUN	570	18	0	0	0	0	588
JUL	639	100	1	0	0	0	740
AUG	505	50	2	0	0	0	557
SEP	694	2	0	0	0	0	696
OCT	611	71	0	0	0	0	682
NOV	549	122	1	0	0	0	672
DEC	407	249	2	0	0	0	658
YEAR	6308	1106	46	10	1	0	7471

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA				FREQUENCY	CONCENTE	BUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
85	0	0.2	0.7	1.4	2.7	5.1	6.5	8.2	9.5	29	2.4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH JAN 72 HOUR 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 23 24 MEAN 18 19 20 21 22 2 0 2 3 1 3 2 1 0 1 2 3 3 2 4 1 1 2 2 2 2 2 9 1 2 3 3 2 6 1 2 3 3 2 4 3 3 2 13 1 2 2 2 2 2 11 2 2 3 3 3 12 13 14 15 16 17 18 19 20 3 2 3 2 1 3 1 4 6 3 3 3 3 1 3 1 2 1 2 1 1 2 4 1 1 22 23 24 25 26 27 28 29 30 2 1 DATA MISSING -0 3 0 0 4 2 2 3 1 3 1 2 1 1

 PERCENTAGE OF DATA VALID

MEAN

						ONT	ARIO	MINI	STRY	OF 1	THE E	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	CH						
	POL	LUTAN	T - SI	ULPHU	R DIO	XIDE							U	NITS	PAR	TS PE	R HUNI	DREDM	ILLION	V					
	STA	TION	- PHAI	RMACY	AND	401 T	ORONT	0	N	3300	12		M	ONTH F	EB	72									
HOUR	1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 2 2 1 4 3 3 2 ****	222214663****	212214	1 1 2 1 2 4 1 2 3	2 1 2 1 2 4 1 0 4 * * * * *	5 1 2 1 1 4 11 4 4 4 4 4 4 4 4 4 4 4 4 4	5 1 2 1 3 10 4	3 1 2 1 1 4 10 6	2 1 2 1 1 3 9 4 ****	2 1 2 1 2 3 7 4	2 1 2 2 2 3 5 2 ****	2 1 2 2 1 3 4 2	1 2 2 1 2 3 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 2 2 1 1 4 2 2 2 ****	022113322	1 2 2 1 1 1 2 3 2	22211232	22112232	3211122442	3 2 1 1 2 2 5 5 2 ****	22111331662	2 1 2 1 4 1 6 2	2 3 1 1 4 1 3 2 2 *****	2 3 2 1 4 1 2 2 2	22212363
11 12 13 14 15 16 17 18 19 20	0 8 3 1 2 0 2 1 1	0831302210	1 8 4 1 4 2 2 1 1 0	1 7 3 1 4 5 2 1 0	1 7 3 1 4 3 2 1 0	1 8 2 1 3 2 2 1 0 0	2921322200	3 9 1 2 3 2 1 2 0 0	2 8 1 0 3 2 1 2 0 0	2 8 1 **** 2 2 2 1 0 0	1 7 1 1 1 2 2 1	1 7 1 1 2 2 1 0 0	3 10 2 1 1 2 ****	2911002	3 9 1 1 0 2 1 1 0	**** 7 1 1 0 2 1 1 ****	4 8 1 2 0 2 1 1 0 1	7 7 1 3 1 2 1 0 2 4	4 5 1 3 1 2 1 0 1 4	3 3 1 3 1 2 1 0 0 3	4213311221	4 2 1 2 1 1 2 1 1 2 1 2 1 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 1 2 1 2 2 1 2	42121102	4202011102	2722222101
21 223 45667 89	2051111342	4 1 4 1 1 1 3 2 2	7 0 5 2 1 1 3 2	7 1 4 2 2 1 3 2 2	323221422	3 2 3 2 3 1 3 1 1	2 2 3 2 4 1 3 1 1	324251311	3 2 4 2 5 1 4 1	4 2 1 2 4 1 7	4 2 1 2 4 1 6 1 2	5 2 1 2 4 1 6 2 2	10 2 1 2 3 2 6 2 2	930232733	6 3 1 2 2 2 4 4 4	6 **** 1 2 2 2 3 8 7	3 **** 2 2 2 2 2 3 5 7	6 2 2 2 2 2 4 6 5	3 **** 1 2 1 1 5 6 4	2 **** 1 1 2 2 4 6 4	1 1 1 3 1 5 5	**** **** 1 1 2 1 8 3 2	3 1 1 2 2 10 2 2	0 4 2 1 1 2 7 3 2	422231533
MEAN	2	2	3	3	3	3	3	3	2	2	2	2	3	2	2	2	2	3	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH MAR 24 MEAN 4 4 6 4 3 4 3 4 * * **** . 5 * * * **** **** *** 0 1 1 7 6 7 5 8 10 6 4 1 3 4 22222222220 2222253* MEAN

PERCENTAGE OF DATA VALID - 94

					9	ATAC	RIO	MINIS	STRY	OF 7	THE E	ENVIR	ONMENT	Γ - A]	IR M	ANAGE	MENT	BRANG	CH						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN	NITS -	PAR	TS PE	R HUNI	DREDM:	ILLIO	N					
	STATI	ON -	PHARM	IACY .	AND 40	1 TO	RONTO)	NO	3300)2		MC	ONTH A	APR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	3112532234	3112422234	2212722324	2212522323	2212622323	3211322323	300+000000	3222223224	2112223225	2 1 2 2 1 2 2 2 2 2 4	2 1 2 1 2 2 2 2 2 2 4	2121222226	2 1 2 1 1 2 2 2 2 7	2 1 2 2 1 2 2 2 2 2 2 8	2 1 2 1 2 2 2 2 2 2 2 2 2 1 0	2 1 2 1 **** 2 3 3 2 11	3021123226	2 1 2 1 1 2 3 2 2 4	2 1 2 1 1 2 2 2 2 2 4	2 1 2 2 2 2 2 4	2 1 2 2 2 2 2 4	2 1 2 2 2 2 2 2 2 2 2 3 4	1 1 2 3 2 4 2 3 3 4	2 1 2 3 2 3 2 5 4 3	212222225
11 12 13 14 15 16 17 18 19 20	2 1 1 1 1 2 2 1 0	2 1 1 1 2 2 2 1 0	2 1 1 1 2 2 2 1 0	2111122210	3101122220	2211122210	2201122210	2201132211	2302132221	2 3 0 2 1 3 2 4 1	2202122511	2 2 0 2 1 2 2 4 1 1	3 2 0 1 1 1 2 4 1 2	2 0 1 1 1 3 4 1	2 2 **** 1 1 2 3 3 1	2 2 **** 1 1 2 2 3 1 1	2 2 0 1 1 2 1 3 1	2 1 1 1 2 1 2 1	2 2 1 1 1 2 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 1 2	2 1 1 1 1 1 1 1 2	2 1 1 2 1 2 1 2	2211122211
21 22 23 24 25 26 27 28 29 30	1 2 4 1 1 3 3 1 1 2	1 2 4 1 1 3 3 2 1 2	2 2 4 2 1 3 3 2 1 2	2242134212	2213134212	3213134212	322213421	3 2 4 1 2 2 3 3 3 1	3 2 2 1 2 2 3 2 1	3 2 1 1 2 1 3 1	3 2 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 1 1 2 1 2 2 1	3 2 1 1 1 3 2 1 ****	4 2 1 1 1 1 3 2 1	3 2 1 1 1 3 4 2 1	3 2 1 1 1 4 4 **** 2 1 1 ****	3 2 1 2 1 4 4 2 1	2 2 1 2 1 3 3 1 1	2 3 1 2 1 2 2 1 1	222113221	2 3 1 1 2 3 3 1 1	3 3 1 1 3 3 3 1 1	3 3 1 1 4 3 1 1 1 1 1 1 1	3 3 2 1 3 3 1 1 2	322123321
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING DATA MISSING DATA MISSING 0 0 2 2 1 1 1 2 0 2 0 1 0 2 1 0 2 Ô Ó Ò 1516178 190 122324 256278 290 ò ò Ó DATA MISSING DATA MISSING DATA MISSING 1 0 2 1 0 1 1 0 1 2 1 0 1 1 0 2 1 0 1 0 1 2 1 0 1 2 1 0 1 2 DATA MISSING DATA MISSING DATA MISSING MEAN

PERCENTAGE OF DATA VALID - 61

						ONTAR	RIO M	INIST	RY (OF T	HE E	NVIR(NMENT	- A	IR MA	NAGEME	ENT E	BRANCH	4						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN	ITS	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	PHARM	ACY A	AND 40	TOP	RONTO		NO	3300	2		MC	NTH .	JUN	72									
HOUR	1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9 10	0 1 1 1 1 1 1 2 0 0 0	0 1 1 1 1 1 1 0 0 0	0 1 1 1 1 1 1 0 0	1 1 1 1 1 1 0 0	0 1 1 0 1 2 1 2 0 0	1 1 1 1 1 2 0 0	1 1 0 2 1 2 2 0 0	1 1 1 1 2 2 0 1	1 1 0 1 1 2 2 0 1	1 1 0 1 1 2 2 0 1	1 1 1 1 1 2 1 0	1 1 1 1 2 1 0 1	3 1 1 1 2 2 ****	1 4 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	2 4 0 0 1 1 1 2 ****	25000	1 4 0 0 1 1 2 0 0	1 2 1 0 1 2 2 0 0 1	2 2 1 0 1 2 2 0 0 1	2 0 0 1 2 1 0 0 2	1 1 0 0 1 2 1 0 0 3	1 0 0 1 2 2 0 0 4	1 2 0 0 1 2 2 0 0 3	1 0 0 1 2 2 0 0 3	1 2 1 0 1 1 2 1 0 1
11 12 13 14 15 16 17 18 19 20	2131114322	2 1 3 1 1 1 3 3 3 2 2	1 2 3 2 1 1 2 3 2 2 2 2 2 2 2 2 2 2 2 2	1 2 2 1 1 1 2 3 2 2	1 2 2 1 1 1 2 3 2 2	1 2 2 1 1 1 2 2 2 2	1222112222	1 3 2 1 1 2 2 2 2 2 2	1 2 2 2 2 2 2 2 2 2 2 2 2	1 4 2 1 1 2 2 2 3 2	1 3 2 1 0 2 2 2 2 2 2	1321022222	1522022222	1 32 1 0 2 2 2 2 2 2 2	1621022122	1 7 3 1 2 2 2 1 2 2	1 4 2 1 1 2 2 1 2 2	1 3 2 1 1 2 2 1 2 2	1 3 2 0 1 2 2 1 2 2	1 3 1 0 1 2 2 1 2 2	1 2 1 0 1 2 3 1 2 1	1 3 1 0 1 2 3 1 2	1 3 1 0 1 3 3 1 2 2	1 3 1 0 1 3 3 2 2 2	1321122222
21 22 23 24 25 26 27 28 29 30	2 1 0 0 2 2 2 2 1 1	2 1 0 1 2 2 2 2 1 1	2 1 0 1 2 2 2 2 1 1	2 1 0 1 2 2 2 2 1 1	2 1 0 1 2 2 1 1	2 1 1 2 1 1 2 1 1	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 2 2 1 1	1 2 1 3 2 1 2	1 2 1 1 3 1 2 2 2 1	1 1 1 2 1 1 2 2 1	1 0 1 1 1 1 1 1 1 1	1 0 1 1 1 1 1 1 1 1	1 0 1 1 2 1 2 1 2	1 0 1 1 2 1 1 2 1	1 0 1 1 2 1 4 1 2 1	1 0 0 1 2 2 4 1 2 1	1 0 0 2 2 2 4 1 2 1	1 0 0 2 2 2 7 1 1	1 0 0 1 2 3 2 1 1 2	1 0 1 1 2 3 2 1 2 1	1 0 1 2 2 2 3 1 2 0	1 0 1 2 2 1 3 1 2 0	1002222220	1 1 1 2 2 2 2 1 1
MEAN	1	1	1	1	1.	1	1	1	1	2	1	1	1	1	1	2	-1	1	1	1	1	1	1	1	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH JUL 24 MEAN 1 3 2 2 0 1 1 2 1 0 3 2 0 2 1 0 2 3 22 23 24 25 26 27 28 29 30 MEAN

PERCENTAGE OF DATA VALID - 97

					(NTAR	IO M	INIST	RY C	OF TH	E E	NVIRON	MENT	- AIF	R MAI	NAGEMI	ENT	BRANCH	4						
	POLLU"	TANT	- SUL	.PHUR	DIOXID	Œ							UNI	TS -	PART	S PER	HUND	REDMI	LION						
	STATIO	ON -	PHARM	ACY A	AND 401	TOR	OTMO		NO	33002	2		MON	ITH AL	JG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	
1 2 3 4 5 6 7 8 9	2221222021	1221222021	2221222021	2221222021	2212222121	222222122	2 2 1 1 1 1 2	2 2 1 1 1 1 2	1 2 1 1 1 1 1 1	1 2 1 2 1 1 1 2 2	1 2 1 2 1 1 1 2	1 2 1 2 3 2 0 1 1 2	1 2 2 2 2 2 2 2 2 2 2 2	2 2 1	2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2212220622	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3212220232	3212220222	2212220222	2 2 1 2 0 2 1 2	2 2 1 2 2 1 2 1 2	2 2 1 2 2 1 2 1 2	2212221222
11 12 13 14 15 16 17 18 19	2 2 2 1 0 2 1 2 1 1	2 2 1 2 0 1 1 2 1 1	2 2 1 2 0 1 1 2 1 1	2 2 1 1 1 2 1 1 1	2222121211	2222121121	222212111	3 2 2 2 1 1 1 1 1 1 1 1 1	4 2 1 1 1 1 1 1 2 1	2 2 1 1 1 1 1 1 2 1	2 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 2 1	2 1 1 1 1 1 1 2 1	2 1 1 1 2 1 1 2 1	2 1 1 1 2 2 1 1 1 1	2 1 1 0 1 2 2 1 1 1 1	2 1 1 0 1 1 2 1 1 1 1	2 1 1 0 1 1 2 1 1 1 1	2 1 2 0 1 1 1 1 1 1	2 1 2 0 1 1 2 1 1 1 1	2220211111	2221212111	2 2 2 1 2 1 2 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 29 30	14312221011	1431221011	1 4 2 1 2 2 1 0 1 1	1 3 3 1 2 2 1 0 1 2	1321221012	1 3 2 1 2 1 1 0 1 2	2 4 2 1 1 0 1 2	2521211012	2531110012	24435210012	2 3 6 4 2 1 1 0 1 2	2533211111	2 4 3 3 2 1 1 1	222321111 *	3 2 2 1 1 1 1 0 ** * * 2	2 3 3 1 1 1 1 3 2	2 3 3 2 1 1 0 1 1 2	3 1 2 1 1 0 1 1 2	3 2 2 1 1 0 1 1 2	3 2 2 1 1 0 1 1 2	3 3 2 2 1 1 0 1 1 2	4 2 2 2 1 1 0 1 1 2	3 2 2 2 1 1 0 1 1 2	4 3 2 2 1 1 0 1 1 2	23322111112
31	2	2	2	2	2	2	1	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2
MEAN	2	Ť	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2

	POLL	UTANT	- SU	LPHU	R DIO	KIDE							U	NITS	- PAR	TS PE	R HUN	DREDM	ILLIO	N					
	STAT	ION -	PHAR	MACY	AND 4	401 T	ORONT	0	N	3300	02		м	ONTH	SEP	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	2211201200	2011201200	2011221200	2011221200	2011221200	2011121100	201121101	201112110001	2111121001	3 1 1 1 1 2 2 0 0	2 1 1 1 1 3 0 0	2112000	2 1 1 2 1 1 2 0 0	2 1 1 2 1 1 1 0 0	2 1 1 2 1 1 2 0 0	3 1 1 1 1 0 0	3 1 1 1 1 0 0	3 1 1 1 2 1 1 0 0	3 1 1 1 1 1 0 0	3 1 1 1 0 1 1 0 0 1	3 1 1 0 1 0 0	3 1 1 0 1 2 0 0	2 1 1 1 0 1 2 0 0 1	2111022001	2 1 1 1 1 1 1 1 0 0
11 12 13 14 15 16 17 18	1 2 2 1 1	1 2 0 1 2	1 1 2 0 0 2	1 2 2 0 0 2	1 2 2 0	1 2 2 0	1 2 2 0 1	1 1 2 0	1 1 2 0 2	0 2 2 1 2	0 2 2 1 2	0 2 2 1 2	1 2 2 1 1	2 1 2	2 1 1 2	2 2 1 1 2	2 2 1 1 2	2 2 0 1 2	2 2 0 1 2	2 2 1 1 2	2 2 1 1 2	2 2 1 1 2	1 2 1 1 2	2 2 1 1 2	1 2 2 1
17 18 19 20	****	1	1	1	••••	1		1	****	****	****	; 1	DATA DATA 1	MISS MISS	ING - ING -	2	2	2	2	2	1	1	1	1 '	••••
21 22 23 24 25 26 27 28 29 30	1 1 2 1 1 2	1 2 1 1 1	1 1 2 1 1 2	1 1 2 1 1	1 2 1 1	1 1 2 1 1 2	1 1 2 1 1	1 1 2 1 1 2	1 1 2 1 1	1 2 1 1	1 2 1 1	1 1 2 1 0	1 1 0 1	1 1 1 0	1	1 1 1 1	1 1 1 2	1 1 2	1 1 1 2	1 1 1 2	0 1 1 1	1 1 1	0 1 1	0 1 1	1 1 2 1
27 28 29 30	1 1 2 0	1 1 2 0	2 2 0	1 2 1 0	1 1 1 0	1 1 0	1 1 0	1 1 0	0 2 1 0	1 2 1 0	1	1	1 1 1	2 1 1 1	2 1 1	2 2 1 1	2 2 1 1	2 2 1 1	2 2 0 1	1 2 0 1	1 2 0 1	1 2 0 1	1 2 0 1	1 2 0 1	1 2 1
MEAN	1	1	1	1	1	1	- 1	1	1	•	1	4				*									84

PERCENTAGE OF DATA VALID - 86

						ONT	ARIO	MINI	STRY	OF 1	THE I	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANC	н						
	POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH OCT 72																								
	STAT	TION	- PHA	RMACY	AND	401 T	ORONT	0	NO	3300)2		M	ONTH	OCT	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	1 1 2 1 1 1 1 1 1 1 1	1 1 2 0 1 0 1 1 3	1 1 2 0 1 0 1 1	1 1 1 0 1 0 1 1 1	0020	1 1 1 1 1 0 *****	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 2	2 1 1 1 1 0 0 0 0	1 1 1 0 0 0 0 0 1	1 2 1 1 0 0 0 0	1 1 0 0 0 0 0 0 0 1	1 1 0 1 0 1 1	1 1 0 1 0 0 1 1	1 1 0 0 0 0 1 1	22101000111	000000000000000000000000000000000000000	12000100001	2200100001	0 1 0 0 0 0 1	2 2 0 1 0 0 0 0	0 1 0 0 0 0 0 1	0 1 0 0 0 0 1	1 2 1 0 1 0 1 0	1 2 1 1 1 0 0 0 0 1
11 12 13 14 15 16 17 18 19	20120101	20120101	1 0 1 1 0 0 0 1	1 0 0 0 0 0 1	0 1 0 0 0 0 0 2	1 0 1 1 0 1 0 0 0	102100100110011001100110011001100110011	1 0 1 0 1 0 2	1 0 0 1 0 1 0 1 0 2	1 0 0 0 1 0 0 0	1 0 0 0 1 0 0	1 0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1020010100	1020010101	1020020112	1020010312	1020010212	10010010011	2010020121	1 0 0 2 1	1 1 0 1 1 0 0 2 1	001000011	00110011000	1 0 0 1 0 2	1 0 1 0 0 1 0
21 22 24 25 27 28 29 30	1 1 0 0 1 2 1 1 0 0	1 1 0 0 0 1 1 1 0 0	1 0 0 0 1 0 1	10000	000000000000000000000000000000000000000	200000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 2 1 1	000000000000000000000000000000000000000	1 1 1 0 1 2 2 1	1 1 0 0 0 1 3 2 0 0	1 1 0 0 2 0 1	1 1 1 0 0 1 0 0 0 0 0	0 1 0 1 0 1 0 0 0	0 0 1 0 1 0 0 0	0010100	0 0 0 1 1 1 0 0 0	0000	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0	1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
31	****	••••	••••	••••	***	••••	• • • •	••••	••••	• • • •	• • • •	• • • •	••••	• • • •	••••		1	1	1	1	1	1	1	1	
MEAN	1	1	1	1	1	-				ň		9								(6)	- 1				

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO MONTH NOV 10 12 13 15 16 18 19 20 2 0 1 **** 1010 1 0 1 0 1010 1 0 1 0 1010 Ó 001 0 0 ó 000 0 ó DATA MISSING -0 DATA MISSING 1022 1 2 2 1 1 2 1 MEAN

PERCENTAGE OF DATA VALID - 29

					C	NTAR	IO N	MINISTRY	OF	THE	Е	NVIRON	MENT	- AIR	MA	NAGEM	ENT E	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOXID	E							UNI	TS - I	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	PHARM	ACY A	ND 401	TOR	ONTO		NO 3	3002			MON	TH DE	С	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24 N	JEAN
2 3 4 5 6 7 8 9	1 0 1 1 1 2 0 1 0 0	1011120100	20001020100	2001020100	2001010100	2001010100	20010100	200111100	2002100100	1 1 0 2 1 0 0 1 0 0	0 1 0 1 1 0 0 1 0 0	0101101100	1 1 0 1 1 0 2 1 0 0	1301102100	õ	0 1 0 1 1 0 0 0 0 0	0101201100	0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 1 0 0 0	0 1 1 1 0 0 0 0 0 0 0	0 1 1 1 2 0 0 1 0	0 1 1 1 2 0 1 1 0 0	0 1 1 1 2 0 1 1 0	0 1 1 1 2 0 1 0 0	1 1 0 1 1 1 1 0 0
11 12 13 14 15 16 17 18 19 20	0 1 1 0 1 0 0 5 4	0 1 1 0 1 0 0 2 4	0 1 1 0 1 1 0 1 4 1	0 1 0 0 1 0 0 1 4 1	0 1 0 0 1 0 0 1 4	0 1 0 0 1 0 0 2 4 1	0 2 0 0 1 0 1 2 4 1	0 2 0 0 1 0 1 2 4	0 1 0 0 1 0 1 0 1 2 4 2	1200101242	3 1 0 0 1 0 1 2 4 1	5200101341	1200001231	0100201231	0 2 0 0 1 0 1 2 2	0 1 0 0 1 2 2 1	0100101211	0 1 0 1 1 0 1 3 1	0 1 0 1 1 0 1 3 1	01001001211	0 1 0 1 0 0 1 3 1	0 1 1 0 0 0 1 2 1	1 1 0 0 1 2 3 2 1	1 1 1 1 0 1 7 3 2	1 1 0 0 1 0 1 2 3 1
21 22 23 24 25 67 22 22 22 23 23	1 0 0 0 0 1 0 0	1 0 0 0 0 0 2 0 0 1 1	1 0 0 0 1 2 0 0 1 1	0 0 0 0 0 1	1 0 1 0 0 1 0 0 1	1 0 1 1 0 0 1 1 1	1 0 0 1 1 1 1 1	100001	1 1 0 0 0 0 0 0 1 1	1 0 0 0 0 0 1 0 1 1 1 1	1 1 0 0 0 0 0 1 1	0 1 0 0 0 0 1 1 1 1 1 1	0 1 0 0 0 0 1 0	0 1 0 0 0 0 1 0 1	1 1 0 0 0 0 2 0 1 1	0 1 0 0 0 0 0 2 0	000000000000000000000000000000000000000	0 0 0 0 0 0 2 0 1	000000000000000000000000000000000000000	0 0 0 0 0 0 2 1 1	000000000000000000000000000000000000000	0 0 0 0 0 0 2 1 1	0 0 0 0 0 0 1 1 1	0 0 0 1 0 1 1 1 1 1	0 0 0 0 0 1 1 1
31	1	1	1	1	î	1	1	1	0	1	0	0	1	1	1	1	1	Ť	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - PHARMACY AND 401 TORONTO NO 33002

DEC

YEAR

NOV

DEC

YEAR

FREQUENCY DISTRIBUTION BY PERCENTILES

POLLUTANT - S	ULPHUR DIOXIDE		UN	NITS - PARTS PER HUNDREDWILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2	5	17
FEB	29	2	7	12
MAR	31	3	5	14
APR	30	2	5	11
MAY	22	1	3	6
JUN	30	1	3	7
JUL	31	1	3	8
AUG	31	2	3	6
SEP	28	1	2	3
OCT	31	1	2	3
NOV	11	1	2	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN 627 24 FEB MAR APR MAY JUN JUL AUG SEP OCT

PERCENT OF DATA						RATIONS					
OF DATA VALID	MIN	10	30	FREQUENCY 50	70	90	PERCENT 95	98	99	MAX	ARITH MEAN
86	0	0.2	0.5	0.8	1.4	2.5	3.4	4.7	6.2	17	1.5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 MONTH JAN 24 MEAN DATA MISSING 3 12 10 2 2 3 3 2 **** . . . 5 * * * * 10 10 3 2 2 20 11 2 2 13 18 2 2 2 15 15 4 1 3 4 4 4 1 2 - DATA MISSING -0 3 0 2 0 2 2 2 2 2 2 DATA MISSING DATA MISSING DATA MISSING

- DATA MISSING -

PERCENTAGE OF DATA VALID - 36

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLI	LUTANT	- SI	JLPHU	R DIO	XIDE							U	NITS -	PART	rs Per	HUND	REDMI	LLION	1					
	STA	TION -	LAW	RENCE	/KENN	EDY S	CARBOR	ROUGH	N	3300)3		М	ONTH FE	В	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12			15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10												:- :- :*	DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG - IG -										
11 12 13 14 15 16 17 18 19	* * * * * 1 2 1 1 1	**** 1 2 1 2 1	**** 2 3 1 2	**** 8 2 1 2	**** 6 2 1 2	**** 4 2 2 1 1	**** 3 1 2 1	* * * * ° 2 1 1 1 1 1 1 1	**** 2 1 1 1 2	**** 2 1 1 1 2	* * * * * 2 2 2 0 1 1	****	DATA DATA DATA 0 3 1 1	MISSIN MISSIN MISSIN 0 2 0 0 0	IG - IG -	0 1 0 0 0	0 0 0 1 1	0 0 0 0 3 2	0 0 1 1 3 3	0 0 1 0 1 4	0 0 1 0 0 3	0 0 1 0 0 3	0 0 1 0 0 2	1 1 1 1 0 1	**** 2 1 1 1 2
21 22 23 24 25 26 27 28 29	2 0 2	3 1 2	4 1 2	4 1 1	3 1 1	2 2 1	1 1 2	1 1 3	1 1	2 1 1	3 1 1		DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG -	4 2	4 2 ****	5 1 ****	4 2 ****	22	1 2 ****	0 2 ****	0 2 ***	0 1	3 1 ****
MEAN	1	2	2	3	2	2	2	1	1	1	1	2	2	1	2	1	1	1	2	1	1	1	1	1	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - LAWRENCE/KENNEDY SCARBOROUGH MONTH MAR 72 NO 33003 HOUR DAY 12344567899 10 112341567899 10 22245678990 13 14 15 24 MEAN DATA MISSING 2 2 3 3 7 5 1 3 2 3 4 3 4 6 3 5 3 5 3 3 5 MEAN

PERCENTAGE OF DATA VALID -

					10	ONTAF	RIO M	MINIS	TRY (OF T	HE E	NVIR	NMEN	T - AIR	MA	ANAGEN	ENT	BRANC	ЭН						
	POLLU	JTANT	- SU	LPHUR	DIOXI	DE							U	NITS -	PART	TS PEF	HUNE	REDMI	LLION	١					
	STATI	ON -	LAWR	ENCE/I	KENNED	Y SCA	RBORG	DUGH	NO	3300	3		M	ONTH AP	R	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	2 2 1 1 4 1 1 0 4 2	1 2 1 1 3 2 1 0 2 2	1 2 1 1 3 3 1 1 2	1 2 1 1 4 3 1 1 2 2	3 2 1 1 6 2 1 1 2 1	3 1 1 6 0 1 1 1 1	2 3 1 1 1 1 1 1 1 2 1	2 2 1 1 1 0 1 1 2 1	2 2 1 1 1 0 0 1 1 1 1	2201000011	2 2 0 0 1 0 0 0 0 0 0 0 0	2100010001	21000010000	2000010006	2000010007	2000010005	20000100003	200001	200000000000000000000000000000000000000	2 0 0 0 0 0 0 0	2 0 1 0 1 1 0	2 0 0 1 1 3 1 1 1 1 1 1	200011112221	2 0 0 2 1 1 0 5 3	2 1 0 1 1 1 0 1 1 2
11	1	1	1	2	3 2	5	4	4	3 2	1	1	•	1	1	1	0	0	0	0	1	1	1	1	1	1
12 13 14 15 16 17 18 19 20	1	1	1 1	1 1	2 1	2	1	1	2 1	1	1 1		DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G - G - G -	1	1	1	•••1		2	!	1	••••1	1
		-						121			-				_	20	_	1		3	-		16		
21 223 24 25 26 27 28 29 30	1 1 1 1 2	1 1 1 1 3	1 1 1 1 3	1 1 1 1 4	1 1 2 1 4	1 1 1 1 5	1 1 1 1 4	1 1 1 1 1 2	0 1 1 1 1 0	0 1 1 1 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DATA	MISSIN MISSIN MISSIN MISSIN MISSIN	G -	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 2	0 1 1 1 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	TION -	- LAW	RENCE	KENNED	Y SCAF	BOROU	GH	NO	3300	3		M	ONTH JU	IN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12		14 MISSIN	15	16	17	18	19	20	21	22	23	24	MEAN
2												-	DATA	MISSIN	IG -										
4												-	DATA	MISSIN	IG -										
6												-	DATA	MISSIN	IG -										
8												-	DATA	MISSIN	IG -										
8 9 10												-	DATA	MISSIN	IG -										
11														MISSIN											
12 13												-	DATA	MISSIN	IG -										
1.4 1.5												*	DATA	MISSIN	IG -										
1 6 1 7												=	DATA	MISSIN	IG -										
13 14 15 16 17 18 19													DATA	MISSIN	IG -										
20												(2)	DATA	MISSIN	iĞ -										
21														MISSIN											
21 223 245 226 227 28												*	DATA	MISSIN	IG -										
25												-	DATA	MISSIN	IG -										
27												-	DATA	MISSIN	IG -										
29	***	***	****	***	0000 0		** **	** **	(c. g)	***	****	1	DATA 0	MISSIN	1G -	0	0	0	0	0	0	0	0	0	****
30	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	0	0
MEAN	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0

PERCENTAGE OF DATA VALID - 5

	POLI	LITAN	r ei		R DIOX		11110	(F) ATT	5.11.11	0.	J. I. J. L.	144 71	11	NITS - F		e pep		DEDMI		ı					
							ADDOL	OLICH	N		0.0						HUNDI	/CDM1	LLLION	*					
The Children Children	SIA			HENCE/	KENNE		ARBUI			330				ONTH JUL		72									
HOUR DAY 1 2 3	1 1 1 1	1 1 1 1	3 1 1 1	1 1 1 1	5	6 1 1 1 1 1	7 1 1 1 1	1 1 1 1	9 1 1 1 1 1 1	10 1 1 0 1	11 0 1 0	12 0 1 0		14 1 1 1	15	16 1 1 1 0	17 1 1 0	18 0 1 0	19 0 1 0	20 1 1 0	21 1 1 0	1 1 0 0	23 0 0 0	0 0 0	MEAN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5 6 7 8 9	1 0 1 0 1	0 1 0 1 1	0 1 0 1 1	0 1 1	0 1 0 0	0 0 0 0 1	0000	1 1 0 1 0	0 1 1 1 1	0 0 1 1 1	0 1 1 1	0 1 1 1	1 1 1 1 2 0	1 1 2 0	0 1 0 2 2 0	0 1 0 1 2 0	0 1 0 1 2	0 1 0 1 0	0 1 0 1 0	0 1 0 1 1	0 1 1 1 1	1 1 1 1 1	1 0 0 1	1 0 1 1 1	0 1 1 1 1
11 12 13 14 15 16 17	0 1 1 1 0	0 1 1 0 0	0 1 1 0 0	0 1 0 0	0 1 0 0 1	0 1 0 0	0 1 0 0 1	0 2 1 0	0 2 1 0 1	**** 2 1 0 1	1 2 1 0 1	2 2 1 * * * * *	2 1 0 1 DATA	2 2 1 0 1 MISSING	22101 -	2 2 1 1	2 2 1 0 1	2 2 1 0	2 2 0 1 * * * *	2 2 1 0 ****	2 2 1 0	1 2 0 0	1 1 1 0	1 1 0 0	1 2 1 0 1
18 19 20	0 1	0	0	**** 0 1	0 # 0 0 1 1	* * * * 0 1	****	**** 0 1	**** 0 1	**** 0 1	****	**** 1 0	****	1	0 2 1	0 2 1	1 2 1	1 2 1	1 2 0	1 2 0	1 2 0	1 2 0	0 1 0	0 2 0	1
21 223 24 256 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	0000100233	0 0 0 0 1 0 0 1 2 2	00000100122	0 0 0 1 0 0 1 2 2	0000000122	000000000000000000000000000000000000000	000000000012	0000000012	0 1 0 0 0 0 1 3 3 5	0300001345	0 8 0 0 0 1 3 4 5	1 2 0 1 1 1 1 2 3 4 6	1 1 1 2 3 4 3	1 1 0 1 0 2 2 *** 3 4 4	1 1 0 0 0 1 1 3 4 4	1 1 0 0 0 1 1 3 4 3	1 1 0 0 0 1 1 3 3 3 3	000000333	0000003333	0 0 0 0 0 0 1 3 3 3	0 1 0 0 0 0 3 4 4 4 5	00000033334	00000033334	0 0 1 0 0 2 3 3 4	0 1 0 0 0 1 2 3 3
31	3	3	3	3	3	2	2	2	5	5	***	2	2	1	1	0	0	0	0	0	2	1	1	1	2
MEAN	1	1	1	1	1	1	0	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 MONTH AUG HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 12 13 14 15 16 17 18 19 20 21 22 22 24 25 26 27 29 30 0 0 1 DATA MISSING . MEAN

PERCENTAGE OF DATA VALID . 43

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT	AIR	MANAGEMENT	BRANCH

	POLI	UTAN	T - SI	JLPHU	R DIO	XIDE							U	NITS	- PAR	TS PER	HUNDE	REDMI	LLIO	N						
	STAT	TION	- LAW	RENCE	/KENNI	EDY S	CARBO	ROUGH	N	0 3300	03		M	ONTH :	SEP	72										
HOUR DAY 1 2 3 4 5 6	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING -	16	17	18	19	20	21	22	23	24	MEAN	
10	2	2	2 1	2	2	1	1	2	1 2	1 2	1 2	1 2	1 2	1 2 2	2 2	1 2 2	1 2	1 2	1	1	1	1	1	1	1	
11 12 13 14 15 16 17 18 19	1 3 0 1 0 0 0	2 3 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 0 1 0	2 2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 0 1 0 0 0	2 2 0 1 0	3 2 0 0 1	3 2 0 0 1 1	3 2 0 0 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 2 0 0 4 0	4 2 0 0 4 0 0	5 2 0 1 1	5 3 0 1 1 1 0 0	1 1 0 0 0	1 1 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0	3 1 1 1 0 0 0	3 0 1 1 2 	3 1 1 0 3 3 0 *****	3 1 1 0 4 0	3 0 1 0 2 0 	3 0 1 0 0 0 0 0	3 0 1 0 0 0 0	3 2 0 1 1 0 0	
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000	1 2 1 0 0 1	0 1 1 1 0 1 0 0	100011111001000	1 0 0 1 0 1 1 0	10010000	1 0 0 1 1 1 0 0	000000000000000000000000000000000000000	0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	000000000	0 0 0 1 0 0	000000000000000000000000000000000000000	
MEAN	1	1	0	0	0	0	0	1	4	1	- 4	31	1	1	1	•	3	1	1	4		•	0	٥	4	

						Oilli	CHILO	MITIAT	31111	O,	1112	TIAN TIL	CIAMICIA		T13 MI	MINULI	WILLIA I	DUVING	21.1							
	POLL	UTANT	- SI	JLPHUR	R DIO	KIDE							U	NITS	- PAR	TS PER	R HUND	REDMI	LLION	ı						
	STAT	ION -	LAW	RENCE	KENNI	EDY S	CARBOR	ROUGH	NO	3300	03		M	ONTH (ОСТ	72										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 0 0 1 0 0 0	00001100010	0 0 0 1 1 0 1 0 1 0	0 0 0 0 1 0 0 0 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000010	1 0 0 0 0 0 0 1 0	1 1 0 0 0 0 0 0 1	1 1 0 0 0 0 0 0 1 0 1	2 5 0 1 0 0 0 1 0	26 0 1 1 0 0 1	2 5 0 1 1 **** 0 1 0	2 4 1 2 **** 1 1 1	2 2 1 2 1 ***** 0 1 1	2 1 2 1 0 0 1 1	1 1 1 2 1 1 0 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 0 1 0 1	0 0 1 1 1 0 1	0 0 1 1 1 1 0 0	0 0 1 1 0 1 0 0 0	000000000000000000000000000000000000000	0 0 1 0 1 0 0 0 1	1 1 0 1 1 0 0 1	
11 12 13 14 15 16 17 18 19	1 2 0 3 0 1 0 0 0	1 2 1 2 0 1 0 0 0 0 2	1 2 1 1 0 0 0 0	1 1 0 2 0 0 0 0 0	1205000000	1 1 0 5 0 0 0 0 0 4	1 1 0 3 0 0 0 0 0 6	1 1 0 2 0 0 0 0 0 8	1 1 0 2 0 0 0 1 0 6	1 0 2 0 0 0 0 0	2 1 0 1 1 1 0 5 0 1	2 1 **** 1 0 1 0 1 0	2 1 **** 1 0 1 0 1 0 ****	2 **** 1 0 1 0 1 0	2 1 2 1 0 1 0 1 0	2 1 2 1 0 1 0 3 0	2 1 0 0 1 0 3 0 2	2 1 0 0 3 0 1 0 3	2 0 0 0 0 1 0 1 0 3	2 1 0 0 0 1 0 1 0 3	3 0 1 0 1 0 1 0 3	4 0 1 0 1 1 0 0 0 2	3 0 1 0 1 0 0 0 0 0 2	2010100012	2 1 1 0 1 0 1 0 3	
21 22 23 24 25 26 27 28 29 30	3 0 **** 0 0 1 2 1 1	4 1 **** 0 0 0 1 2 1 1	4 1 **** 0 0 2 2 1 1 0	7 1 **** 0 0 1 2 1 1	6 1 **** 0 0 1 2 2 0 0	4 1 **** 0 0 1 2 1 0 0	3 1 **** 0 0 1 2 1 0 0	3 1 **** 0 0 3 3 1 0	2 1 **** 0 0 6 3 1 0 0	3 1 **** 0 0 6 5 1 0	3 1 ***** 0 0 7 6 1 0	3 **** 0 0 3 7 1 0 0	2 **** 0 0 3 6 1 0	2 **** 0 **** 3 7 1 0 0	2 **** 0 1 3 5 1 0 0	2 **** 1 0 1 2 4 1 0 0	2 **** 1 0 1 2 4 1 0 0	1 **** 1 0 1 2 4 1 0 0	**** 0 0 1 2 3 1 0 0	***** 0 0 1 2 2 1 0 0	***** 00 1 22 1 00	* * * * * 0 0 0 1 2 2 1 0 0	**** 0 0 1 2 2 1 0 0	0 0 1 2 1 1 0 0	3 **** 0 0 0 3 3 1 0 0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	1	1	1	1	1	1	1	1	4	1	4	1	1	1	1	1	1	1	4	9	4	4	1	1	4	

PERCENTAGE OF DATA VALID - 95

						ONT	TARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - AI	R M	ANAGEN	MENT	BRANG	CH						
	POLI	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	PAR	TS PEF	HUND	DREDM	ILLION	ľ					
	STA	TION	- LAW	RENCE	/KENNI	EDY S	CARBO	ROUGH	N	0 330	03		М	ONTH N	ov	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 1 0	000000000000000000000000000000000000000	0 1 1 0 0 0 0 0 0	1010000000	1000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	00000	00000	100000000000000000000000000000000000000	100000000000000000000000000000000000000	1 0 0 0 0 0 1 ****	0 1 2 1 0	100000000000000000000000000000000000000	1 0 0 0 0 0 0 0	100000000000000000000000000000000000000	1 0 0 0 0 0 0	1 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0	1 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000000	100000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19 20	0 1 0 0 0 0 2 2	0 0 2 0 0 1 1 1 2 3	0 0 2 0 0 1 0 1 2	001000000000000000000000000000000000000	0 1 1 0 0 1 0 2	0 2 1 0 0 1 0 2	0 0 0	030000000000000000000000000000000000000	0 3 0 0 0 2 0 2	0 4 0 0 0 0 2 0 3	0 4 0 0 0 1 0 2	0 4 0 0 0 0 0 2	0 5 0 0 0 0 0 3 ****	0 3 0 0 0 1 **** MISSI	0 3 0 0 1 1 4 ****	0 2 0 0 0 1 1 3	0 2 0 0 0 1 1 1 2 2	0 1 0 0 0 1 1 1 2	0 1 0 0 0 1 1 1 2	0 1 0 0 0 0 2 1 1 1	0 1 0 0 1 1	0 1 0 0 0 1 1 1 2	0 1 0 0 1 1 1 1 2	0 1 0 0 1 1 1 1 2	0 2 0 0 0 1 0 2 ****
21 22 23 24 25 26 27 28 29 30	****	****	****	****	****	****	****	****	****	* * * * 3	****	***	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI ****	NG - NG - NG - NG - NG -	1 2	1 1	1 1	2 1	2 0	2 1	4 1	8 1	6	****
MEAN	1	1	1	1	9	1	0	n	0	1	4	4	1	1	4	4	0	0	0	0	0	4		14	-

	POLL	UTAN	r - su	LPHUR	DIOXI	IDE							U	NITS -	PART	TS PE	R HUNI	DREDMI	LLIO	N					
	STAT	ION	LAWR	ENCE/	KENNED	DY SC	ARBO	ROUGH	N	0 330	03		м	ONTH DE	EÇ	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	1 0 1 0	3 0 1 0	6 0 1 1	5 0 1 0	4 0 1 0	4 0 0 0	3 0 1 1	3 0 0	2 0 0 0	0 0 0	1 0 1 0	1 1 0	0 3 1 0 DATA	5 1 0 MISSIN	4 2 0 VG -	0 2 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1	0 1 1	0 0 1	2 1 1 0
7		••••										7	DATA	MISSI	IG -	1	1	1	••••			••••	••••	2 12 1202	••••
10	0	0	1 2	0	0	0	0	0	1	1	100	1	0	1	1	0	0	0	0	0	0	0	0	0	0
11 12 13 14 15 16 17 18	0 2 1 1 1	0 2 1 1 1 0	0 3 2 1 1	0 3 2 1 1	0 3 1 1 1	0 3 1 1 1 1 1	0 2 1 1 0	1 1 2 1 1	1 1 2 1 1	1 1 1 1	3 1 1 1	9 1 1 0 0	2 1 1 1 0	1 1 1 0 0	1 1 1	1 0 1 0	1 0 1 0	1 0 0 0	1 1 1 0 0	2 1 1 1 0 0	1 1 0 0	1 1 0 0	1 1 1 0	1 1 1 0 0	1 1 1 0
18 19 20	1	1	2	2 •••• 1	1	0			••••	••••	••••	3 0	DATA 3 0	MISSIN	G - 2 0	1 0	1 0	1 0	2 0	2	2 0	1 0	1 0	1 0	
21 223 244 256 267 288 290	0 1 0 0 0 1 1 1 1 1 1	0 0 0 0 0 1	0 1 0 1 1 2 0 1 0	0 1 0 0 0 1	0 1 0 1 1 0 0 0 1	010201	01020101	0 1 0 2 0 1 0 1	0 1 0 2 0 1 0 1 0 0	0003010101	0002010211	00011001112	10001	1 0 0 1 1 1 1 1 1 1	1 0 0 1 1 0 1 1	100011	0 0 0 1 0 1 1 	1 0 0 1 1 0 0 1	10001	10001	10001	100012001	100012001200	100011000	0 0 1 0 1 1 1
31	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT	- SULPHUR DIOXIDE			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	3	8	20
FEB	9	1	" 3	8
MAR	7	3	6	1.0
APR	20	1	2	7
MAY		DATA MIS	SING	
JUN	2	0	0	1
JUL	29	1	3	8
AUG	1.4	0	1	3
SEP	23	1	3	5
OCT	31	Ť	3	8
NOV	21	1	3	8
DEC	28	1	2	9
YEAR	199	1	8	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY G	ROUP FREQU	ENCY CLASS	IFICATION FO	OR 72			
POLLUTANT	- SULPHUR	DIOXIDE			UNI	T - PARTS PER	HUNDREDMILLION
STATION -	LAWRENCE/	KENNEDY SC	ARBOROUGH	NO 33003			
	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN	242	21	5	5	0	0	273
FEB	186	5	0	0	0	0	191
MAR	108	32	0	0	0	0	140
APR	434	8	0	0	О	0	442
MAY		DATA MISS	ING				
JUN	37	0	0	0	0	0	37
JUL	662	8	0	0	0	0	670
AUG	323	0	0	0	0	0	323
SEP	465	2	0	0	0	0	467
OCT	688	20	0	0	0	0	708
NOV	457	7	0	0	0	0	464
DEC	597	4	0	0	0	0	601
YEAR	4199	107	5	5	0	0	4316

FREQUENCY DISTRIBUTION BY PERCENTILES

OF DATA				FREQUENCY	DISTRI		PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
53	0	0.1	0.4	0.6	0.9	2.1	3.1	4.6	5.9	20	1.0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019 MONTH JAN 3 1 2 1 2 1 3 1 3 12312* 0 1 3 0 3 1 0 9 0 0 1 2 2 **** 1 •••• 0 0 2 5 4 3 3 2 2 3 2 DATA MISSING 12 2 1 10 1 2 1 0 1 2 3 6 2 3 1 6 1 2 1 1 1 1 1 1 DATA MISSING 22 23 24 25 26 27 28 29 30 DATA MISSING -

PERCENTAGE OF DATA VALID - 49

MEAN

						ONT	ARIO	MINIS	TRY	OF 1	HE I	ENVIR	ONMEN	T - A1	IR M	ANAGE	MENT	BRANC	4						
	POLL	UTANT	- S	ULPHUR	DIO	CIDE							U	NITS -	PAR	TS PER	HUND	REDMI	LION						
	STAT	ION -	MET	BRANC	H SCA	RBOR	DUGH E	BLUFFS	NC	3301	9		M	ONTH F	EB	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12		1.4		16	17	18	19	20	21	22	23	24 N	ÆAN
3	12/2000	250200000000000000000000000000000000000	oras and									-	DATA	MISSI MISSI MISSI	ING -										
4	****	****	****	****	****	****	••••	****	••••	****	****	****	****	••••	****	****	1	2	2	2	2	1	2	2 •	
ĕ	3	3	3	4	3	3	3	3	3	3	2	2	2	3	3	2	1	1	2	1	2	2	1	3	2 2
8	3	4	8 5	11	10	8	10	13	12	9	6	4	3	3	3	2	3	2	3	4	5	3	1	3	6
9 10	2	3	4	4	3	2	2	3	ž	1	2	2	3	3	2	ż	2	ĭ	1	2	3	2	4	2	2
	•	2	0	5	3	3	3	5	6	3	5	7	13	17	6	3	1	1	1	3	2	1	1	0	4
11 12	1	1	1	0	1	2	3	3 10	3 11	12	14	14	. 8	15	. 7	9	••••	5	3	1	1	1	1	2	3
13	3	3	2	ĭ	1	ĭ	ő	0	1	1	0	0	10	10	11	11	0	õ	8	0	9	0	0	2	7
14 15	1	2	0	1 2	2	1	2	3	1	1	1	1	2	2	1	2	4	2	1	1	1	1	ŏ	ŏ	į
15 16 17	0	0	Ō	3	3	2	2	i	i	- 1	į	- 1	3	3	3	3	i	ŏ	ŏ	ő	ŏ	ŏ	ŏ	ŏ	- 1
18	1	1	1	1	1	1	1	0	1	1	1	1	2	2	0	1	1	1	1	1	!	1	1	o	1
19 20	1	1	1	1	1	1	1	1	2	1	2	2	ž	2	2	2	2	2	2	ż	ż	2	í	í	2
				39/	- 1		U	1	.0.\	1	2	2	3	3	3	4	3	4	3	3	2	2	2	2	2
21 22 23 24 25 26 27 28	2	2	3	3	1	1	1	1	2	2	3	4	- 1	4	4	3	3	3	3	4	3	2	1	1	3
23	4	4	2	2	2	3	3	3	ī	ī	i	í	2	2	2	2	2	î	1	- 1	2	2	2	2	3 2
25	ő	0	1	3	5	5	4	4	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	2	2	2	ż	2	i	ĭ	ĭ	1	ŏ	ŏ	ŏ	ŏ	ő	- 1
28	1	1	1	1	1	1	0	0	0	0	3	3	3	2	2	2	1	0	0	0	1	1	1	1	1
29	1	1	1	0	0	1	1	1	Ō	Ó	1	7	2	2	2	2	ž	2	2	2	2	1	ŏ	ŏ	i
MEAN	2	2	2	2	2	2	2	3	3	2	2	3	3	4	3	3	2	2	1	1	1	1	1	1	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 0 1 12 3 0 1 13 3 0 6 0 4 2 12 13 14 15 16 17 18 19 20 2 3 1 02012240* 22 23 24 25 26 27 28 29 30 ò DATA MISSING 1 2

PERCENTAGE OF DATA VALID - 88

MEAN

						ONTA	RIO	MINIS	TRY	OF TH	HE EN	NVIR	NMENT	Γ - AIR	MA	NAGEN	IENT	BRANC	H						
	POLL	JTANT	- SU	ILPHUR	DIOX	IDE							UN	NITS - P	ART	S PEF	HUNE	DREDMI	LLION	ŧ					
	STAT	ION -	MET	BRANCH	SCA	RBORG	UGH E	BLUFFS	NO	33019	9		MC	ONTH APR	1	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 1 1 2 2 1 0 0 3	2 1 2 1 1 0 0 1 4	2412110013	2 4 1 1 2 1 0 0 1 3	3311310112	3 2 1 1 2 0 0 1 1	3 4 2 1 2 0 1 1 2 2	3 4 2 1 3 1 1 1 2 3	3 3 2 1 2 0 0 1 1 3	2 2 2 2 0 0 1 1 4	2 2 2 1 2 0 0 0 1 4	2222201017	3 2 2 2 2 0 1 1 1 9	3 2 2 2 2 1 1 2 2 9	3 2 2 3 3 1 1 2 2 8	2 2 2 4 3 1 1 3 3 4	2 2 2 3 **** 1 1 2 2 3	1 2 1 2 1 0 1 1 1 1 3	1 1 1 1 0 0 0 1 2	2 1 1 1 0 0 0 0 1 2	2 1 1 1 0 0 0 0 1 2	2 1 2 1 0 0 0 1	1 1 2 1 2 0 1 2 1	1 1 2 1 2 0 3 2 1	2222210114
11 12 13 14 15 16 17 18 19 20	1 2 0 0 0 0	1 2 2 0 0 0 0	1 2 2 0 1 1 0 0	0 2 1 0 1 0 0	2 2 1 0 1 0 1 0	4 3 1 0 1 0 2 0	5 3 1 1 0 0 3 1	5 1 2 0 0 3 2	4 3 1 1 0 0 2 5	4 3 1 1 0 0 2 5	5 3 2 1 0 0 2 3	53210023	4 3 2 2 0 1 3 2 DATA DATA	4 3 3 2 0 0 4 3 MISSING MISSING	4 4 3 3 0 0 5 4 = -	4 4 2 2 1 0 3 4	4 4 **** 2 1 0 3 3	3 4 **** 1 1 0 2 ****	3 3 **** 1 0 0 1 ****	2 3 **** 0 0 0 0 0	2 2 **** 0 0 0 0 0 0	3 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 0 0 0 0 0 0	1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 1 0 0 2 2
21 22 23 24 25 26 27 28 29 30	0 0 0	0 0 0	****	**** * * * * * * * * * * * * * * * * *	***	* * * * 0 1 0 0	**** 0 1 1	**** 1 3 1 2	0 3 1 1	**** 0 2 1 1	1 2 1	- - - - - 0 2 1	DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING **** ** 1 2 1 1		**** 2 3 2	****	**** 2	**** 1 **** 1 3	0 1 **** 1 6	0 2 **** 1 7	0 4 0 1 5	0 1 0 0 6	0 0 0 0 4	**** 1 1 1 2
MEAN	4	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	- 1	1	1	1	1	1	1

	POLL	UTAN	T . S	ULPHUR	DIOXI	DE							U	NITS - F	PART	TS PER	HUND	REDMI	LLION	N					
	STAT	ION	- MET	BRANCH	SCAF	RBOROUG	H BL	UFFS	NO	33019	1		M	ONTH MAY	(72									
HOUR DAY 1 2	1 5 1	2 5 1	3 5 1	5 1	5 3 1	6 3 0	7 2 0	8 2 1	9 2 1	10 2 1	11 2 1	12 2 2	13 2 2	14 2 1	15	16 3 1	17 3 1	18 3 1	19 3 1	20 3 1	21 3 1	22 2 1	23 2 1	1 1	MEAN 3 1
4 5 6 7 8 9	0 0 1 1 0 0	0 1 3 0 0 0	33000	U	0 1 0 0 1 0 0	0 1 1 0 0 0	0 1 2 2 1 0	0 2 2 1 1 0 2	0 1 1 2 2 2	1 1 0 1 2 0	1 1 0 1 1 0	1 0 1 0	0 1 2 0 1 1	0 2 3 0 1 1	1231123	3 3 3	3 1 3 2	2 1 2 2	1 1 2 1	000	0000	0 1 1 3 	0 2 1 0 0 2	0 3 1 0	1 1
11 12 13 14 15 16 17 18 19	3 1 2 1 1 0 0 1	3 0 1 0 1 0 1 1	2 0 1 0 1 0 0	0 0 1 0	2 0 0 0 0 0 0 0	2 1 1 0 0 0 0 0 1	2 1 1 0 0 0 0 1	3 2 3 0 0 0 0 1 3	3 4 2 0 1 0 0 1	2 1 1 1 1 1 1 0 1 2	1 1 1 1 1 2 2	1 1 2 1 1 1 2 2 2 2 -	1 1 2 1 1 2 2 2 2 2 DATA	2 2 2 1 2 3 2 3 MISSING	4 3 3 3 1 1 3 3 4	3 3 2 1 3 4	3 2 2 3 1 1 3	3 2 2 2 1 0 2 3	2 1 1 1 1 0 2 2 2	201111100112	1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 1 0 1	2 1 1 0 0 0	2 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 1 2 1 1 0 1 2 2
21 223 244 256 278 299	••••	****		****	2 1 1	2 1 1	2 2 1	3 2 2 2	2 2 2	2 2 2	2 2 2	222	DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING 3 3		4 3 3	3 3 3	222	2 2 1	2 1 1	1	1 1	1	1 1	2 2 2 2
30 31	1	1	1	1	1	1	1	1	1	1	1	1 2	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	i	1	1	2	2	2	2	2	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 73

						ONTA	RIO	MINIS	THY	OF 1	HE I	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	ж						
	POL	LUTAN	r - s	ULPHUR	DIOX	IDE							U	NITS	- PAR	TS PER	HUNE	OREDM:	ILLION	ų.					
	STA	TION	MET	BRANCH	SCA	RBORO	UGH I	BLUFFS	NC.	3301	9		м	ONTH	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0	0	0	0	0	0	0	0	1	1	1	1	DATA DATA DATA DATA	MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING -	0	0	1	0	0	0	0	••••	••••	0
11 12 13 14 15 16 17 18 19	4 2 3 1 1 0 1	3 2 3 1 0 0	3 2 3 1 0 0 1	3 2 3 1 0 0	3 2 3 1 0 0	4 2 3 1 0 0	4 2 3 1 0 0 0	3 2 3 1 0 0	3 2 3 2 0 0	3 2 4 2 0 0	32 52 00 11 1	3 2 4 2 0 1	3 2 3 2 0 0	MISS 22 22 01 11	3 2 2 1 0 0 1 1	3 2 2 0 0 1	4 2 2 2 0 0 1 2	4 2 3 3 0 0 1 2	42320012	4 2 3 2 0 0 1 1	5 2 3 2 0 0 1	4 2 3 2 0 0 1	4 2 3 1 0 0 1	523110011	3 2 3 1 0 1
21 22 23 24 25 26 27 28	••••	••••	••••		•••	••••	••••	••••	••••	••••	••••		DATA DATA DATA	MISS MISS MISS MISS MISS MISS		1	1	1	0	0	1	,	2	2	••••
29 30	3 2	2	2	2	1 2	1 2	1 2	1	1	1	1	0	2	2	2	2	2	1	1	1	1	1	1	2	1
MEAN	2	1	1	1	1	1	1	1	ï	1	2	1	2	2	- 1	1	1	2	- 1	1	1	1	1	,	1

	POLLU	ITANT	- St	JLPHUR	DIO	(IDE							U	NITS -	PAR	TS PER	R HUNI	DREDMI	LLION	V					
	STATI	ON -	MET	BRANCH	SCA	RBORO	UGH I	BLUFFS	S NO	3301	9		M	ONTH .	JUL	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 4 1 3 2 1 0 0 1 0	0 1 1 2 1 1 0 0 1 0	1 1 2 1 1 0 0 0	0 1 1 2 1 2 1 0 0 0 0 0 0 0	0 1 1 2 1 0 0 0 0 1	1 2 2 2 *** 1 0 1 1	13122	2 4 1 2 2 * * * * * 2 1 1 3	3 4 1 2 1 **** 2 1 1 2 2	3 4 1 3 2 * * * * 2 1 1 2	4 4 1 2 2 **** 4 1 1	33132	3 4 1 2 3 **** 2 1 1 2	3 3 1 2 4 ****	231333****	2 3 1 3 2 **** 1 3 1 1	2213210311	1 2 1 2 1 0 0 3 1 0	1 2 1 2 1 0 0 2 1 0	1 2 1 1 2 0 0 2 1 0	0202300310	0 1 0 1 3 0 0 2 1 0	1 1 0 1 2 0 0 2 1 0	1 1 2 1 1 0 1 1 0 0	2 2 1 2 2 * * * * 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	0030201	003000	0 7 0 2 0	0 6 0 2 0	0140200	0 1 2 0 2 1	1 2 3 0 2 2 1	1 2 4 0 2 2 ****	1 3 5 0 2 2 ****	2 4 4 1 2 3 ****	3 5 5 3 2 2 ****	-	DATA	4 6 3 5 2 3 **** MISSI MISSI MISSI	ING -	2 4 4 1 1 3	2 5 3 3 1 3 ****	1 6 2 2 1 1 2	1 5 1 3 0 2 ****	0 6 1 2 0 1 ****	1 7 1 1 0 0 1 ****	1 4 1 1 0 1 ****	0 5 0 1 0	0 7 0 2 0 1	1 4 3 2 1 2
21 22 23 24 25 26 27 28 29	**** ° 0 1	*** 0 1	****	****	0 1	****	**** 0 1	****	**** 0 1	**** 0 1	**** O 1		DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI 3	ING - ING - ING - ING - ING -	**** 1 3	1 3 2	1 3 2	2 2 2	1 2 2	0 2 2	0 2 2	0 2 2	0 2 2	**** 1 2
31	2	1	1	1	1	1	1	1	1	2	4	3	2	2	2	2	3	2	2	3	3	3	3	3	2
MEAN	- 4	4	4	196	4		4	0	0	0	0	0		2	-	•		0	2	4	4		4		2

PERCENTAGE OF DATA VALID - 61

						ONTARIO	MINIST	TRY	OF TH	E I	ENVIRON	MENT	- AIR	MA	NAGEME	NT E	BRANCH	1						
	POLLU	TANT	- St	JLPHUR (DIOXI	DE						UNI	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	MET	BRANCH	SCAR	BOROUGH	BLUFFS	NO	33019	1		MON	TH AU	IG	72									
HOUR DAY	1	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	3 1 1 0 0 1 2 1 1 0	2110012010	2110002010	11110010	1 1 0 0 1 2 0 1 0	1 1 0 0 1 2 0 1 0	2 2 1 1 1 0 0 0 0 1 1 2 1 0 0 0 0	2010012020	1 0 1 1 0 2 0	1 0 1 1 1 2 1 0 1 0	2010222000	2 1 1 0 2 2 2 0 0 0	2 1 1 0 1 2 1 3 0 0	1 1 2 2 2 2 0 0	2 1 2 0 2 2 2 1 0 0	3110221101	4 1 1 0 2 2 2 1 1	3 1 1 0 2 2 1 1 1 1 1 1	3 1 1 2 2 1 1 1 0	3 1 1 1 2 1 1 0	2 1 1 1 2 1 0 0	1 1 1 2 2 1 1 0 0	1 0 0 1 2 1 1 0	2 1 1 0 1 2 2 1 1 0
11 12 13 14 15 16 17 18	0 1 1 1 0 0 1 1 0 0	0 1 0 1 0 0 1 1 0 0	0211001200	0102001200	0 1 0 2 0 1 1 1 0 0	1 0 2 0 0 1 1 0 0	0 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 0 0	1 1 3 1 1 1 1	0 1 2 3 1 1 1 0 1 0	1 2 3 1 2 1 0 1 0	1 2 2 2 2 2 1 1 1	0 2 1 2 2 2 2 1 1	1212222111	1 2 2 2 1 1 0	1 2 1 2 1 1 0	1 2 1 1 2 1 2 1 1 0	1 2 1 1 1 1 2 1 1	1 1 1 1 2 1 1 1 1	1 1 0 0 1 2 1 1 0	1 1 0 0 1 1 0 0	1 1 0 0 1 1 0 0	1 1 0 1 1 1 0 0	1 1 0 0 1 1 0 0	1 1 1 1 1 1 1 0
21 22 23 24 25 26 27 28 29 30	001020000	002020000	0020100000	0020101000	0 1 1 0 1 0 1 0 0 0	0 1 1 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0010001000	0020001000	0 0 2 0 1 1 1 0 0	0 0 2 1 0 1 1 0 0	0 0 2 1 0 1 1 0 1 0 *	0 0 2 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1	0 **** 2 2 1 2 2 1 1	0 1 1 2 1 2 1 1 1	0 2 1 2 1 2 2 0 1 0	0 2 1 2 1 1 2 0 1 1	0 2 1 1 1 0 0 0 0	0 2 1 1 1 1 0 0 0 0	0 2 0 3 1 1 1 0 0	0203011000	0 2 0 2 0 1 1 0 0	0 1 1 1 1 1 1 0 0
31	0	0	0	0	0	0	0 0	0	0	0	1	1	1	3	3	2	2	2	2	1	1	1	1	9
MEAN	1	1	1	1	-1	1	1 1	1	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	ĭ	1

	POLI	POLLUTANT - SULPHUR DIOXIDE														TS PE	R HUND	REDM	ILLIO	N					
	STAT	TION	- MET	BRANC	H SCA	RBORC	DUGH E	BLUFFS	NC.	3301	19		MC	HTMC	SEP	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	120001	1 1 0 0 0 0 1 0 0 0 1	1 0 0 0 0 1 0 0 0	10000	000000000	000000000	000000001	0000000000	000000001	000011	102201001	2104001001	200120011	211100000011	20110000011	0 1 2 0	3 0 1 1 0 0 0 0 1 1	20110001011	2011101011	20111010111	20112011111	10001200321	10000100211	200001	1000
11 12 13 14 15 16 17 18 19	1 1 1 1 0 2 2 1 0	1 1 0 0 0 1 2 1 0 1	1 1 1 0 0 1 2 1 1 1 1	1 1 0 0 0 1 3 1 1 0 0	1 1 1 1 1 1 1	1 1 1 1 0 1 3 0 0 1	1 1 0 0 1 3 0	2 0 1 0 0 1 3 0	4 0 1 0 1 1 3 1 1 1 1	2 0 1 0 0 2 3 1 1 0	1 1 1 0 0 2 2 1 1	1 0 0 3 3 1 0	1 0 0 4 2 1 1	2 1 0 3 2 1 1	2 1 1 0 2 2 1 2		2 1 2 2 1 1 1 1 1	3 1 1 0 2 2 1 1 1	4 1 1 0 2 3 1 1 0 0	4 1 0 3 3 1 1 1	3 1 0 2 2 1 1 0	2 1 0 7 2 1 1 1	2 1 1 0 5 2 1 1	2 1 1 0 2 3 1 1 1	2 1 1 2 2 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 1 1 1 0 0 0 0	0 1 1 2 0 0 1 0	0 1 1 2 0 0 1 0	000000000000000000000000000000000000000	0 1 0 1 0 0 0 0 0 0	0 1 0 0 0 0 0	1 1 0 0 0 0 0 0	0 1 1 0 0 0 1 0	1 0 1 0 0 0 1 0	1 0 1 0 0 0 0 0 0	1 1 1 2 0 0 0	1 1 1 1 0 1 0 0	1 2 1 2 0 0 1 0	1 1 2 2 1 0 1 0	1 1 2 2 1 0 1 0	1 0 1 1 2 2 2 1 0 0	1 0 1 2 1 1 0 0	001220000	0 0 1 2 1 0 0 0	000122100000	00220000	0 1 1 2 0 0 0 0 0 0 0	0001200000	0 1 1 2 0 0 0	0 1 1 1 0 0 0

PERCENTAGE OF DATA VALID - 95

					1	ONTARIO	MINIS	STRY	OF	THE E	ENVIRO	NMENT	- A1	IR MA	NAGEM	ENT	BRANCH	1						
	POLLU'	TANT	- SL	ILPHUR I	IXOIC	DE						UN	ITS -	PART	S PER	HUND	REDMIL	LION	1					
	STATIO	ON -	MET	BRANCH	SCAR	BOROUGH	BLUFFS	S N	330	19		MC	MTH (CT	72									
HOUR	1	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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21 22 23 24 25 26 27 28 29	6 1 1 0 3 2 2 1 0	8 1 0 1 0 5 1 2 1 0	5 1 0 0 0 3 2 2 1 0	4 1 1 0 1 2 2 2 1 0	2 2 1 0 0 3 3 2 1	2 2 1 1 0 2 4 1 1	2 1 2 2 1 1 1 0 1 1 5 2 2 1 1 1 1 1	2 1 0 1 2 2 1 1 0	2 1 0 1 2 3 1 1	2 1 0 1 1 3 1 0	3 2 1 1 1 3 1 1 1 1	2 1 1 0 1 1 5 1 1 1 1	2 1 1 0 2 1 5 1	2 1 1 0 1 1 4 1 1 0	2 1 1 1 1 5 1 0	2 1 0 3 1 4 1	1 1 0 1 1 4 1 1 1 1	1 1 0 1 3 1 1	1110222201	1 1 0 3 2 3 1 1 1	1110422111	1100422100	1 1 0 0 5 1 2 1 0 0	211001231111
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	POLI	UTANT	- SI	JLPHUR	DTOX	TDE			0.			LI	NITS - F		re pe		DEDMI							
						RBOROUGH	DILICE	e M	0 330	10			ONTH NO		72	IN HOND	ILUMIT	LLION						
HOUR	7			DIANO	JUAN																			
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13	1	2	2	2	2	1	3 4	0	0	6 0	6	3 0	0	0		1	1	1	0	0	0	0	2	2
13 14 15 16	0	1	0	0	0	0	1 1	1	1	****	0	1	1	0	0	0	0	0	0	0	0	0	0	0
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PERCENTAGE OF DATA VALID - 63

						ONT	ARIO	MINIS	STRY	OF	THE	ENVIR	ONMEN	Г - А	IR M	ANAGE	MENT	BRAN	CH						
	POLL	UTANT	- SI	JLPHUR	DIO	XIDE							U	NITS	- PAR	TS PE	R HUNI	DREDM	ILLION	J					
	STAT	ION -	MET	BRANCI	H SC	ARBOR	DUGH	BLUFFS	S N	0 330	19		MC	HTAC	DEC	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	4 1 1 2 1 2 1 2 2	1 1 2 2 2 1 2 2	5 0 1 1 3 1 1 3	11 0 1 2 3 1 2 1	13 0 1 2 2 2 1 1 2 1	5 1 1 2 1 2 1 1	311211111111111111111111111111111111111	2 1 1 1 1 2 1 1 1	1 1 2 1 1 1 1 1 1 1 1	0 2 2 1 1 1 6 1 1	0 5 3 1 1 1 6 1 1 2	8 2 1 1 1 4 1 1	2 4 2 1 2 1 3 1 1 1 1	2 3 1 1 1 2 1 0 1	**** 2 2 1 1 1 1 1 1 2	4 2 1 1 1 0 1 0 1 0 1 0 1	1 4 2 1 1 1 1 1 1 1 0 1	1 2 3 1 1 1 2 0 1 1	0 2 3 1 1 1 1 0 2	0 2 3 1 1 2 0 0 3 1	1 2 2 1 1 2 1 1 3 1	0 2 2 1 1 1 1 1 1 2 2	0 2 2 2 0 1 1 1 1 2	1 2 2 2 1 1 1 1 2 1 2	3 2 2 1 1 1 2 1 1 1 1 1
11 12 13 14 15 16 17 18 19	2 1 0 2 1 1 1 2 4 3 3 ****	4 1 1 1 1 2 4 4 ****	4 1 1 1 8 5 4 ***	6 1 1 1 1 1 9 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 1 1 1 1 1 1 5 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	111111111111111111111111111111111111111	1 1 1 1 1 2 4 7 3 ****	1 1 1 1 1 2 3 6 2 ****	1 1 1 1 1 2 6	1 1 1 1 1 2 3 8 2 ****	2 1 1 1 3 3 7 1 ****	2 1 1 1 3 6 9 1	2 0 1 1 1 3 2 10	3 1 1 1 3 3 11 ****	4 1 1 1 4 3 8	3 1 1 1 2 4 3 10	4 1 2 1 1 3 3 5	5 0 1 0 1 2 4 4 ****	5 1 1 1 1 3 4 3 ****	4 1 2 1 1 3 4 4 ****	2 1 1 0 1 3 4 3 ****	1 1 1 1 2 4 3	2 1 2 1 2 1 4 3 ****	3 1 1 1 1 2 5 6
21 22 23 24 25 26 27 28 29 30	1 0 0 1 2 1 0 1 1	0 **** 0 0 0 0 2 1 0 1	**** 0 0 0 0 2 0 1	* * * * * * * * * * * * * * * * * * *	1 * * * * 0 0 1 1 0 0 0	1 **** 0 0 0 1 0 1 0	1 **** 0 0 0 1 0 2 0 0	0 **** 0 1 0 2 1 2 0 0	1 ***** 0 1 0 3 2 2 0 0	0 **** 0 1 2 3 0 0	1 **** 0 0 0 1 1 1 2 0	1 **** 0 0 0 1 1 0 1 0	1 ***** 0 1 0 1 1 0	0 1 0 1 0 0 1 0	0 1 0 0 1 0 1 0	0 1 0 0 0 0 0 0	0 0 0 0 0 1 0 1	0 0 0 0 0 1 0 1	0 0 0 0 0 1 1	100000	10000011000	1 0 0 1 0 1 2 0	1 0 0 0 1 1 1 1 0 1	100001000	**** 0 0 0 0 1 1 1 0 0
31	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	2	1	2	3	2	3	3	3	2	1
MEAN	1	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	2	1	-1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	19	2	3	18
FEB	26	2	7	17
MAR	30	2	4	13
APR	23	1	4	9
MAY	24	1	3	5
JUN	14	1	3	5
JUL	21	2	4	7
AUG	31	1	2	4
SEP	30	1	2	7
OCT	31	1	4	10
NOV	20	1	3	10
DEC	31	1	6	13
YEAR	300	ĺ	7	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA ARITH MEAN VALID MAX 0.1 0.4 0.7 1.1 2.5 3.4 4.8 1.3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

1 1 1 1

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002 MONTH JAN 14 15 24 MEAN DATA MISSING **** 3 0 0 0 0 **** ...0 DATA MISSING 1 0 1 2 - DATA MISSING -

PERCENTAGE OF DATA VALID - 24

MEAN

						ONT	ARIO	MINIS	STRY	OF T	THE	ENVIR	ONMEN	T - AI	R M	ANAGE	MENT	BRAN	СН						
	POLI	_UTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	PAR	TS PE	R HUNI	DREDM:	ILLION	1					
	STAT	TION	- SCI	ENCE	CENTR	E DON	MILL	S OAMS	ST NO	3400)2		M	ONTH F	EB	72									
HOUR	1	2	3	4	5	6	7	8	9	1,0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	****	3	3	2	1	2	****	0	0	0	****	* * * *	1	1	1	1	0	1	1	1
2 3 4	***	****	****	* * * *	***	****	***	****	****	****	****		DATA	MISSI	NG -	1	1	1	1	4	2	2	1	1	****
5 6	0	****	****	****	* * * *	****	0	* * * *	1	0	0	* * * *	****	****	****	****	***	****	****	* * * *	****	2 3 ****	****	* * * * i	****
7 8	****	***	****	1	1	1	0	1	2	1	****	***	DATA	MISSI 2	NG -	1	1	0	2	3	2	2	2	1	1
10	****	* * * *	***	****	1	2	2	1	1	2	1	0	8	8	2	1	1	0	0	****	2	1	1	1	2
11 12 13 14 15	0 4	0 5	8	9	0 8	9	0 10	1 12	12	****	0 8	10	13 DATA	MISSI	3 9 NG -	6 10	7 10	6 7	7 5	10	****	****	****	****	3 9
15 16 17 18 19 20	****	****	1 0	****	****	****	****	****	****	* * * *	1	1 **** ****	DATA 1 1 **** DATA	MISSI MISSI MISSI MISSI MISSI	NG - 1 **** NG -	0 1	1	1	1 1	0 1	0 2	0 1		0 1	1
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POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS DAMST	NO 34002	MONTH MAR	72
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	317			CIAOL .	05.41116	DON	MILEC	, Orang			02				rain.											
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PERCENTAGE OF DATA VALID - 4

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT - A	AIR	MANAGEMENT	BRANCH	
IDE				UNITS	- P.	ARTS PER HUN	DREDMILLIO	N

	POLI	UTANT	- st	JLPHUE	R DIOX	IDE							U	NITS - PA	ARTS	PER	HUND	REDMI	LLION	I.					
	STAT	TION -	SCIE	ENCE (CENTRE	DON	MILLS	OAMS	T NO	3400)2		M	ONTH MAY	7	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14 1	5	16	1,7	18	19	20	21	22	23	24	MEAN
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20	1	1	3	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21 22 23 24 25 26 27 28 29	2 3 2 1 0	2 3 2 1 0	2 3 2 1 0	2 2 1 0	1 2 2 0	22200	22200	4 2 2 0	3 1 0	3 2 0 0	3 2 2	4 2 2 1	4 3 1 1	4 3 2 1 •••	3 2	3 2 0	4 2 2 0	4 2 2 0	4 2 2 0	3 2 2 0	3 2 1 0	3 2 1 0	3 2 1 0	3 2 1 0	32200
26 27 28 29 30	1	1	1	1	0	0	0	0	0	0	1		DATA	MISSING MISSING MISSING MISSING				••••	••••			••••		••••	
31												*	DATA	MISSING	٠										
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POLLUTANT - SUI PHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	POLLU	ANT	T - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION - SCIENCE CENTRE DON MILLS DAMST NO 34002 MONTH JUN 72																						
	STATIO)N -	SCIEN	ICE (CENTRE	DON	MILLS	OAMS	T NO	3400)2		М	ONTH JUN	1	72									
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21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	********										

PERCENTAGE OF DATA VALID - 24

MEAN 2 2 2 2 2 2 2

	POL	LUTAN	T - SI	ULPHI	JR DIOX	IDE							U	NITS - P.	ART	S PER	HUNDA	EDMIL	LION						
	STA	TION	- SCI	ENCE	CENTRE	DON	MILLS	OAMST	NO	3400	2		М	ONTH JUL		72									
HOUR DAY	1	2	3	2	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
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31	1	1	1	1	1	0	0	1	3	4	5	4	7	3	3	3	2	2	3	4	6	6	6	5	3
MEAN	1	1	1	2	1.	1	1	1	1	3	2	1	2	2	1	3	2	2	2	2	2	2	ì	4	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - SCIENCE CENTRE DON MILLS DAMST NO 34002 MONTH AUG HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 3 1 2 1 1 1 1 1 0 0

2 2

PERCENTAGE OF DATA VALID - 95

MEAN

						ONTAI	RIO I	MINIST	RY.	OF T	HE E	NVIRO	NMENT	- AII	R MA	NAGEMI	ENT 6	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	SCIEN	CE CE	NTRE	DON I	MILLS	OAMST	NO	3400	2		MO	NTH SI	EP	72									
HOUR DAY	1	2	3	1	5	6	7	8	9	10	11	12	13	14	15	16 5	17 5	18 5	19 5	20 4	21 3	22	23 2	24 1	MEAN 3
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11 12 13 14 15 16 17 18 19	0 3 3 2 3 8 2 3 2	0023236222	0 3 3 4 8 2 2	0043249432	0 4 3 2 4 6 4 3 2	0043245433	0043235333	2053345333	3 0 4 3 4 4 3 3 2	21434443332	4 3 7 4 4 3 3	4 3 4 2 4 4 4 3 1 2	3 3 5 2 3 4 3 3 2 2 2	2452343322	1 4 4 3 3 5 3 3 2 2 2	24 56 55 34 23	2443554423	3 5 4 3 6 5 4 4 2 3	3 6 4 3 9 5 4 4 2 3	3543954422	2433853422	2443443322	1343443322	1332353322	2243445322
21 22 23 24 25 26 27 28 29 30	2 2 2 3 3 5 2 1 3 1	2223352131		22 33 35 53 55 33 55 33	2 3 3 4 4 3 2 4 4	2 3 3 4 4 4 3 2 4 4	23344334433	33343332443	3 4 4 4 3 3 2 4 3	3 4 4 3 3 2 4 3	3 2 3 4 3 3 3 2 5 2	3235333242	3 2 3 8 4 3 3 2 4 3	3 2 3 6 4 3 6 2 3 3	323633.	3 2 3 7 6 4 4 4	3 3 7 7 4 3 4 5	3 3 6 7 4 3 4	3 3 5 7 4 2 4 3 3	4335942433	5334742323	3 2 3 4 6 3 1 3 3	3233632333	32235531323	3 2 3 4 5 4 3 2 3 3
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - SCIENCE CENTRE DON MILLS DAMST HOUR DAY 1 2 3 4 4 5 6 7 8 9 9 1 1 1 2 1 3 4 4 1 5 6 6 7 8 9 9 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 0 24 MEAN 1 0 5 4 3 3 3 3 3 3 1 3 2 1 2 12 1 3 1 2 MISSING MISSING MISSING MISSING MEAN

PERCENTAGE OF DATA VALID - 81

						ONT.	ARIO	MINIS	TRY	OF T	HE E	NVIR	NMEN.	r - A)	IR MA	NAGEN	IENT	BRANG	ЭН						
	POLI	UTANI	- SI	JLPHUI	R DIO	XIDE							UN	NITS -	PART	S PER	HUNE	REDMI	LLION	1					
	STAT	TION -	SCI	ENCE	CENTRE	E DON	MILLS	OAMS	T NO	3400	2		MC	N HTM	VOV	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6	1 3 4 2 2 1 2	1 3 2 1 2 1 2	1 3 3 3 4 3 3	4 5 3 4 3 4	3443433	3 4 4 2 4 3 3	3443433	3 4 4 3 3 3 4	3 4 3 3 3 4	3 4 2 2 3 3 4	3332333	3332323	2 2 2 1 2 2 2 * * * * *	2 2 2 1 2 2 ****	2 2 * * * * 4 3 3 * * * *	4 5 3 4 3 2 * * * *	4 5 3 3 2 2 * * * *	4 4 3 3 2 2 * * * *	4 4 3 3 2 2	4 4 3 3 1 3 ****	4 3 2 2 2 2 ****	3 5 2 2 2 2 2	3 4 2 2 1 2 ****	3 4 2 2 1 2	3 4 3 2 3 2 ****
9 10	****	****	* * * *	****	2 ***	****	****	****	1	1	0	0	0	0 0 0	0 1	0 2	2	1	1	1	1	1	1	1 0	****
11 12 13 14 15 16 17 18 19 20	0010003200	0 0 1 0 1 2 0 1 0	0 0 1 0 0 1 0 1 0	2222254232	1321133211	1320023211	1511032211	1301032211	1 4 1 1 0 4 3 3 1	1510022210	1 4 0 0 0 2 2 2 0 0	0 5 0 0 0 0 0 0 0 0 0 0 0 0	0 6 0 0 0 2 2 3 0 0	0 3 0 0 0 2 1 3 0 0	0200021	1 4 0 2 2 5 3 3 3 3	1 3 1 1 1 5 2 2 2 3	1 2 1 1 0 3 1 2	1 2 1 0 0 2 1 2 1 3	0 2 0 0 0 3 1 1 1	0 2 0 0 0 4 1 1	0 2 0 0 0 0 6 1 0 0	0 3 0 0 2 6 1 0 0	0 1 0 0 1 5 1 0 0	1 3 1 0 0 3 2 2 1 1
21 22 23 24 25 26 27 28 29 30	0002200006	3002100003	200200002	3204000202	2 1 0 3 0 0 1 0 2	1 0 2 0 0 0 1 0 2	0 0 0 2 1 0 0 0 0 3	1 1 0 2 1 0 0 0 0 2	1 1 0 2 1 0 0 0 0 3	0 1 0 2 2 0 0 0 0 4	0 0 0 3 2 1 0 0 0 ****	0 0 0 2 1 0 0 0 ****	0 0 0 1 1 0 0 0	0 0 **** 1 1 0 0 0 1 1	0 0 0 1 1 0 0 0 0 2	3 1 3 3 3 2 0 0 1 3	2033320023	1 0 2 2 2 1 0 0 2 3	1 0 2 3 2 2 0 0 2 2	1022110032	0022110042	0022110062	0 0 2 1 0 1 0 8 2	0022110082	1 0 1 2 1 1 0 0 2 3
MEAN	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2

	POLL	UTANT	- SI	JLPHUF	OIO P	IDE							U	NITS -	PART	S PER	R HUND	REDMI	ILLION	1					
	STAT	ION -	SCI	ENCE (CENTRE	DON	MILLS	OAMS	T NO	340	02		M	ONTH D	EC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 0 1 1 3 1 1 2 3	7 0 2 1 3 1 1 2 3	6 0 1 1 2 1 0 2 3	5 2 **** 2 1 3 1 0 3 3	5 2 2 2 3 1 0 3 3	4 1 2 2 3 1 0 2 3	4 1 1 2 2 3 1 0 2 3	3 1 1 2 2 6 1 0 1 3	3212231022	221221012	2 1 1 2 2 1 0 1 2	1 2 2 1 2 2 3 0 **** 2	1 5 1 2 1 2 2 **** 4 1	1 6 1 1 3 1 3 1 3 3 4 4 4 4 4 4 4 4 4 4 4 4	3 1 3	1 1 2 2 3 2 2 3 3 2 2	1 3 2 3 2 1 3 3 2 2	1 3 3 2 3 2 1 3 3 2 3 2 2 3 2 2	1 2 2 2 3 1 1 3 3 2	1 1 3 2 4 1 1 1 2 3 2	1032411222	1 0 3 2 4 1 1 3 2 2 2	1021311221	1 0 1 1 3 1 1 2 2	2 2 2 2 1 1 2 2
11 12 13 14 15 16 17 18 19	1 2 3 1 1 1 1 1	3 1 1 1 1	0 4 2 1 1	1 2 4 2 2 1 3	1 3 3 2 1 3 3	2 3 3 2 1 3 2	2 4 3 2 1 3 2	3 3 2 1 1 2	5 2 2 2 1 1	5 2 2 2 1 1 1	8 2 2 1 1 1		DATA	2 2 1 1 1 1 1 MISSI MISSI MISSI	NG -	2 3 2 1 1 2 0	2 3 3 1 1 2 2	2 3 3 2 1 1	2 3 2 1 1	2 3 2 1 1 1	3 3 2 1 2	3 3 2 1 2	2 3 2 1 1	2 3 2 1 1 1	3 3 2 1 1 1
21 22 23 24 25 26 27 28 29 30	****	* * * * 1 2	* * * * 1 1	0 1	* * * * O 1	****	* * * * * O 1	****	0 0	****	****		DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG - NG -	1 1 2	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1		::::	1 3 3	
31	2	2	2	2	2	1	1	1	1	1	***	4	3	3	2	2	2	2	2	2	1	1	• • • •	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	12	4	2	4
FEB	18	2	9	13
MAR	3	0	o	1
APR		DATA M	ISSING	
MAY	17	2	3	4
JUN	9	2	3	7
JUL	13	2	3	11
AUG	31	2	4	9
SEP	30	2	5	9
OCT	27	3	5	16
NOV	29	2	4	8
DEC	21	2	3	11
YEAR	210	2	9	16

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANAC	SEMENT BRAN	ICH	
MONTHLY G	ROUP FREQUI	ENCY CLASSIFI	CATION FOR	72					
POLLUTANT	- SULPHUR	DIOXIDE			UNIT	- PARTS PER	HUNDREDMILL	.ION	
STATION -	SCIENCE C	ENTRE DON MIL	LS OAMST NO	34002					
	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL		
JAN	184	0	0	0	0	0	184		
FEB	228	27	4	0	0	0	259		
MAR	33	0	0	0	0	0	33		
APR		DATA MISSING	3						
MAY	340	0	0	0	0	0	340		
JUN	170	6	0	0	0	0	176		
JUL	284	13	1	0	0	0	298		
AUG	683	25	0	0	0	0	708		
SEP	647	62	0	0	0	0	709		
OCT	533	75	1	1	0	0	610		
NOV	649	19	0	0	0	0	668		
DEC	454	10	1	0	0	0	465		
YEAR	4205	237	7	1	0	0	4450		
FREQUENCY	DISTRIBUT	ON BY PERCEN	ITILES						
	PERCENT OF DATA			EDEOUE	CONCENTRA	TIONS	r :		ADTTIL
	VALID	MIN	10 30	50	70	TION, PERCENT 90 95	98	99 M	ARITH MEAN
	55	0	0.2 0.7	1.2	2.1	3.4 4.2	5.6	7.2	16 2.0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - D.O.H. BATHURST & WILSON MONTH JAN NO 34007 24 MEAN DATA MISSING DATA MISSING DATA MISSING 2 1 2 2 3 7 3 4 3 3 3 4 6 3 2 2 3 8 4 3 4 ...2 4 2 3 3 6 2 4 4 2 23232* 3 1 0 3 1 0 1 DATA MISSING

PERCENTAGE OF DATA VALID - 49

MEAN

						ONT	ARIO	MINI	STRY	OF 1	HE E	NVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANC	СН							
	POLLU	TANT	- S	ULPHL	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUNI	DREDMI	ILLIO	N						
	STATI	ON -	D.0	.н. в	ATHUR	ST &	WILSO	N	NO	3400	7		M	ONTH I	FEB	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	3 1 2 1 3 3 2 2 4	4222234124	5122235124	4 1 2 2 2 2 3 4 4 2 1 3	2 3 3 2 1	4 2 2 1 2 2 3 2 1 4	4 2 1 2 2 3 2 1 4	3 2 1 2 3 3 2 1 3	3 2 2 1 2 2 3 1 1 3	3 2 2 1 2 2 2 1 1 3	2 2 2 1 2 2 1 1 *****	2 1 2 1 1 2 1 1 0 2	1 1 2 1 1 1 0 2	1 1 2 1 1 1 1 1 1 2	2 2 2 1 2 1 1 1 1 1 2	2 2 1 2 1 2 1 1 2 1 2	2 2 1 2 2 2 1 2 2 2 1 2 2 2 2 2 1 2	2 1 2 1 2 2 3 1 3 2	3 1 2 1 2 2 2 1 3 2	3 1 3 1 2 2 2 1 4	3 2 1 3 2 2 1 4	3 2 3 1 3 2 2 1 4 2	2231321242	2222322232	3 2 2 1 2 2 2 1 2 3	
11 12 13 14 15 16 17 18 19 20	2 4 5 1 3 1 2 1 2 1	2 4 4 2 3 3 2 1 2 1	3 4 4 2 3 3 **** 2 2	3 5 4 2 4 4 2 *******	5 3 2 4 2	3 6 3 2 4 1 2 2	3 7 2 1 2 1 **** 3 2	2 7 2 1 2 1 **** 3 2 1	2 7 2 1 2 1 3	2 7 2 1 2 1 ****	2 7 2 1 2 1 2 2 1	2 8 2 1 1 1 2 2 1	8 1 1 1 1 2 1	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 9 1 2 1 1 **** 2 2	4 8 1 2 1 1 0	5 9 1 2 1 1 0 2 3 2	4 7 1 2 1 1 0 2 4 3	4 5 1 4 1 1 2 2 2	5 4 1 3 0 1 1 2 2 2	6 4 1 3 0 1 2 2 1 2	5 4 1 3 0 2 2 2 1 2	5 1 3 0 2 2 2 1 2	4 5 1 3 0 2 2 2 2 1 2	3 6 2 2 2 2 1	
21 22 23 24 25 26 27 28 29	2 1 1 0 1 2 3	3 1 *** 1 0 1 2 3	6 2 **** 1 0 2 1 2	7 2 2 0 1 1 2	****	3 2 ••••• 2 1 1 1		2 2 **** 2 1 1 1 1	3 2 2 1 1 1	4 2 **** 2 1 1 1 1	10 1 3 1 1	8 2 2 1 1 1 1	DATA 0 2 1 1 1	MISSI 0 2 1 2 1	3 2 ING - 0 1 1 2 2 2	3 2 0 0 1 2 3 5	0 1 1 2 3 4	0 1 1 2 2 3	2 **** 0 1 1 2 2 4	2 **** 0 0 1 3 2 3	0 1 1 3 3 2	0 1 1 3 3 2	0 0 2 3 3 1	0 0 0 2 3 3 2	4 2 •••• 1 1 2 2 2	
MEAN	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - D.O.H. BATHURST & WILSON MONTH MAR NO 34007 HOUR DAY 1 2 3 4 5 6 6 7 8 9 9 1 0 1 1 1 2 1 3 4 4 5 6 6 7 8 9 9 2 2 2 2 3 2 2 4 5 2 2 6 7 2 2 9 3 3 0 24 MEAN 2 1 0 1 10001* 0 1 **** Ó ò 3 0 1 0 - DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 4 2 10 4 5 2 12 4 2 2 6 1 2 2 6 MISSING MISSING MISSING MEAN

PERCENTAGE OF DATA VALID - 58

						ONT	ARIO	MINIS	TRY	OF T	HE E	NVIR	NMENT	- A1	R M	ANAGE	MENT	BRANG	СН						
	POLL	UTANI	- SL	JLPHUI	R DIO	XIDE							UN	ITS -	PAR	TS PE	R HUNI	DREDMI	ILLION	1					
	STAT	ION -	D.O.	н. в	ATHUR	ST & V	VILSON	1	NO	3400	7		MC	NTH A	NPR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	3002532254	3005422265	1002432254	1 0 0 1 3 3 2 3 5 2	10000222343	1 0 0 1 2 2 3 ****	2101222254	3 1 1 2 1 2 4 4	2211212235	2111212225	2111212224	1 1 0 2 2 1 2 1 2 4	0 0 0 2 2 2 2 1 1	0 0 0 1 2 2 2 1 1 1	200012	5 0 0 0 2 2 2 1 1	2 0 0 0 **** 1 2 1 1 1 1 ****	20000012211	2 0 1 0 1 3 2 1 1 1 ****	2 0 1 1 1 2 2 2 2 1 ****	1 0 2 2 2 1 2 2 2 2 2 2	003223222	003226233	0 0 2 3 2 4 2 4 3	2 0 1 1 2 2 2 2 2 3
11 12 13 14 15 16 17 18 19 20	**** 2 2 1 1 2 0 1 2 0	* * * * * 2 2 1 2 2 0 2 2 0	**** 21 12 22 15 20	**** 2 1 1 1 3 1 7 2 0	**** 2 1 1 1 3 2 10 2 0	**** 2 1 1 1 2 2 7 2 0	**** 3 1 2 1 3 3 5 2	**** 4 1 3 1 4 2 5 2 0	* * * * * 5 1 3 1 5 2 7 2 0	**** 6 1 2 1 5 2 7 1 0	**** 11 1 1 3 2 9 1	**** 13 1 0 0 2 2 31 1 0	10 2 1 1 1 2 14 1 0	6 2 2 1 1 1 3 14 1 0	5 2 2 1 2 2 1 7 1 0 0	**** 4 2 2 0 2 **** 8 0 0	**** 4 2 2 0 1 1 5 0	4 2 2 0 1 0 2 0 0 0	**** 4 2 2 1 0 0 2 0 0	3 2 2 1 0 0 0 2 0	0 2 2 2 1 0 1 2 0 0	0 3 2 2 1 0 1 1 0 0	1222201200	2212201201	**** 4 2 2 1 2 1 7 1 0
21 22 23 24 25 26 27 28 29 30	0 1 0 0 0 0 1 3 4	1 1 0 0 0 1 2 4	2 1 0 0 0 1 2 5 5 **** 1	3 1 0 0 0 1 3 6	3 1 0 0 0 1 2 5 ****	2 0 0 1 0 1 2 6 **** 2	200011011266	2110001255	210000000000000000000000000000000000000	20000023***	1 0 0 0 0 0 0 2 4 * * * * * 2	10000355****1	20000000000444	1 0 0 0 0 1 14 5	2 0 0 0 1 1 8 3 ****	10000	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 5 ****	1 0 0 0 0 2 6 ****	1 0 0 0 0 3 7 ****	1 0 0 0 0 4 7 ****	1 0 0 0 1 3 4 ****	100001333****	0 0 0 0 1 3 4 ****	1 0 0 0 0 1 5 ****
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	1	1	1	1	1	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - D.O.H. BATHURST & WILSON MONTH MAY NO 34007 HOUR DAY 1234567899 1011234567899 102234567899 10223456728990 10 1 2 0 2 4 1 1 0 1 2 1 DATA MISSING DATA MISSING 2 1 2 2 2 2 2 3 2 **** DATA MISSING -DATA MISSING DATA MISSING - DATA MISSING -

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - SULPHUR DIOXIDE		UNITS - PARTS PER HUNDREDMILLION
STATION DO N DATHINGT & WILCON	NO 24007	MONTH WAY TO

																				-					
	STATION - D.O.H. BATHURST & WILSO								N	3400	07		м	ONTH JUN	7	72									
HOUR DAY	1	2	3	3 4	5	6	7	8	9	10	11	12			15	16	17	18	19	20	21	22	23	24	MEAN
2	****	****	* * * *	****	****	• • • •	****	****	****	* * * *	***	****	DATA	MISSING	2	5	2	2	3	2	1	0	1	1	••••
4 5	ò	Ö	0	0	0	0	0	0	ő	1	1	1	DATA	MISSING	.1 .	• • • •	!	1	* * * *	0	••••	0	0	••••	••••
6													****	**** **		0	0	1	1	1	0	0	0	0	
7 8 9 10	0	0	0	0	0	0	0	0	0	0	0	0	DATA	MISSING MISSING			****	0	••••	0	0	0	••••	0	••••
11 12 13 14 15 16 17 18 19 20													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
21 22 23 24 25 26 27 28 29 30												-	DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	0	0	0	0	0

PERCENTAGE OF DATA VALID -

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STA	TION	- D.O	.н. в	ATHURS	ST & I	WILSON	N	N	0 340	07		M	ONTH AUG	G	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
11 12 13 14 15 16 17 18 19	****	****	****	****	****	**** 0 0	****	****	****	****	****	****	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING 0 0		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	****
21 22 23	0 2 2	0 2 2	0 2 2	0 2	0	0 2	2	4 2 2	4 3 2	* * * *	29 7 3	19	6 5 2	6 2 2	9	5 4 0	3	2	2 2	1 2	2	1 0	2 2	2 2	4 3 2
24		-				4	3	2	2	3	3	-		MISSING		U	1	1		****			***		2
21 223 245 227 229 229 229 230	* * * * 0 0 0 0	00000	**** 0 0 0 1	**** 0 0 0 1	0 0 0 0 1 0	***	**** 0 1 0 0	**** 0 0 0 0	* * * * 0 0 0 0	0 0 0 0 1	**** 0 1 0 1	0 1 0 1 1	**** 0 0 0 1 1	**** 0 0 0 2 1	1 0 0 0 2 2	0 0 0 1 2	0 0 0 1 4	0 0 0 1 1 2	0 0 1 1 2	0 0 1 0	0 0 1 0 1	0 0 0 0 0 2	0 0 1 0 2	0 0 0 0 0	0 0 0 1 1
31	0	0	0	0	0	0	2	3	3	2	1	2	2	O	1	1	1	1	2	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	1	1	1	1	4	3	2	1	1	1	1	1	1	1	1	0	1	1	1

PERCENTAGE OF DATA VALID - 37

						ONT	ARIO	MINIS	STRY	OF '	THE	ENVIR	ONMEN	T - AI	R M	ANAGEN	MENT	BRANG	CH						
	POLI	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	PAR	TS PER	R HUND	DREDM:	ILLIO	V					
	STA	TION	- D.O	.н. в	ATHUR	ST &	WILSO	N	N	0 340	07		M	ONTH S	EP	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	1 1 0 0	0 1 0 0	0 1 0	0 1 0 ****	0 1 0	0 1 0 ****	1 1 0	2 1 0 ****	4 1 0	12 1 0 ****	12 2 0 ****	* * * *	1 0 * * * *	3 1 0	2 1 0 * * * *	2 0 0 0 ****	2 0 0	2 0 0 ****	2 0 0	2 0 0 ****	2 0 0 0	1 0 0	2 0 0 ****	2 0 0 ****	3 1 0
6 7 8 9	**** 0 0 0	**** 0 0 0	**** 1 0 0	**** 0 0 0	**** 0 0 0	****	****	**** 0 0 0	****	**** 0 0 0	**** 0 0 0		DATA * * * * 1 0	MISSI MISSI 1 1 0 0		1 1 0 0	1 0 0	0 0 0 4	0 0 0 8	0 0 0	0 1 0 0	0 1 0 0	0 1 0 1	000	**** 0 0 1
11 12 13 14	0 1 0	0 1 0	0 2 0	0 2 0	0 2 0	0 1 0	2 1 0	2 1 1	1 1 0	0 1 0	1 2 0	2 0	0	**** 1 0 MISSI	3 1 0 NG -	2 1 0	2 4 0	2 1 0	2 1 0	2 1 0	1 1 0	2 0 0	2 0 0	2 0 0	1 1 0
15 16 17 18 19 20	**** 0 1 0 0	0 1 0 0	0 1 0 0	**** 0 1 0 ****	0 1 0	0 1 0	**** 0 2 1 ****	0 1 1	0 1 1	0 1	5 1	22 1 1	11	0 6 1 1	0 2 2 1	0 1 2 1	0 1 2 1	0 1 1 0	1 1 1 1 1 1 1 1	0 1 0 1	0 0 0 1	0 1 0 0	0 2 1 0	0 1 1 0 ****	2 1 1 ****
21 22 23	****	****	****	****	****	****	****	****	****	****	****	***	DATA		NG -	0	0	***	***	0	0	0	***	0	***
24 25 26 27 28 29 30	***	****	***	****	0	0	0	0	0	0	0		DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG -	0	0	0	0	0	0	0	0	0	0
MEAN	0	n	0	0	0	0	19	9	4		2	a	0	4	4	4	4	- 4							

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH OCT 24 MEAN DATA MISSING
1 0 0
18 20
2 1
1 0 0
0 0
0 0
0 1
0 0 0 ...0 ...0 0 0 1 4 0 MISSING MISSING 3 2 1 1 7 0 2 3 2 0 1 1 1 0 3 1 2 1 2 0 0 1 2 0 0 1 3 0 0 1 1 1 2 1 2 0 1 2 1 0 1 1 0 2 0 1 5 1 3 22213.

4 3

2 2

3 3

5 4

2 2

PERCENTAGE OF DATA VALID - 82

MEAN

						HATM	10	MINIST	RY C	F TH	E E	NVIRO	NMENT	- A1	IR MA	NAGEN	IENT	BRANC	ж						
	POLLU'	TANT	- SULP	HUR	DIOXI	DE							UN	ITS -	PART	S PEF	HUND	REDMI	LLION	li .					
	STATI	ON -	D.O.H.	BAT	HURST	& WI	LSON		NO	34007			MO	NTH N	VOV	72									
HOUR DAY 1 2 3 4 5 6	1 2 4 2 1 2 4 1 0	2 4 2 1 2 4 1 0	3 2 3 2 1 1 5 2 0	3 2 2 1 2 5 2 1	5 3 2 2 1 2 4 2 1	6 22 21 23 31	7 2 2 2 1 2 3 3 1	8 3 2 2 1 2 4 4	9 32 2 1 2 5 4 1	10 3 2 2 1 2 4	11 3 2 1 1 2 4 4	12 4 3 3 1 2 4 4	13	14 32 4 22 32 0	15 3 2 1 2	16 3 2 1 2 4	17 3 2 1 2 2 2 2	18 4 2 1 2 2 2 1	19 6 3 1 2 2 2 1 1	20 5 3 1 1 2 2	21 6 4 1 1 2 2	8 3 1 1 3 2	23 10 3 1 1 3 2	24 M 5 3 1 1 4 2	MEAN 4 3 2 1 2 3 2 2 1
10	1	1	1	1	0	i	0	2	2	2	2	0	1	1 0	0	1	2	2	0	0	1 0	0	1 0	0	ò
11 12 13 14 15 16 17 18 19	0021115230	0 0 1 1 1 2 4 1 4 0	001101123121	0020234231	0 0 2 0 2 2 3 2 3 1	0020223121	0 0 1 0 1 3 2 1 1	0 0 1 1 1 2 2 1 1 0	0 0 1 1 1 3 2 1 1 1	0 0 1 0 0 3 2 1 1	0010222100	0 0 2 1 1 3 2 2 1 1	0 3 2 1 1 2 2 4 1 1 1	0311222411	0 1 1 0 1 2 2 2 1	0 2 1 0 1 8 1 2	0 3 0 1 14 1 1 1 2	0 2 0 0 13 0 1	0 0 0 10 0 1	0 2 1 2 10 2 1 1	0 3 0 1 8 2 2 1	0 1 0 1 1 8 1 2 0	0 2 0 1 1 7 1 2 0	0 1 1 1 1 6 2 4 0	0 1 1 0 1 5 2 2 1
21 22 23 24 25 26 27 28 29 30	1 1 2 1 3 2 2 2 1 3	2 1 2 1 1 2 1 3	2 1 2 1 3 0 1 2 1 3	3 1 2 2 4 2 1 1 1 6	2 1 2 2 3 1 0 1 7	1 1 2 1 2 1 0 1 1 9	2 1 2 1 2 0 0 1 1 10	2 1 2 0 2 1 1 2 0 6	3 1 2 0 3 1 1 2 1 5	1 2 1 0 3 1 1 2 0 5	0 1 1 3 1 1 2 0 6	1 2 2 2 5 1 0 2 1 7	2 1 1 3 1 1 1 1 5	2 1 3 1 1 1 1 3	2 1 3 1 0 1 0 3	1 2 1 0 3 2 1 1 1 3	1 1 1 1 1 1 1 1 1 3	0211311012	1 2 1 2 3 1 1 0 1 2	1 1 1 2 3 1 1 0 2 2	1 3 1 2 2 1 0 0 3 2	1 3 1 2 2 1 0 0 4 2	1 2 1 2 2 1 1 0 4 2	1 2 1 4 2 2 2 1 3 3 3	1 2 1 1 3 1 1 1 1 4
MEAN	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH DEC HOUR DAY 24 MEAN 1 2 0 0 0 0 0 3 1 2 3 4 5 6 7 8 9 10 4 2 2 1 12 13 14 15 16 17 18 19 20 2 **** 3 **** 3 1 2 3 0 2 1 4 3 2 1 4 3 22 23 24 25 26 27 28 29 30 ō Õ

PERCENTAGE OF DATA VALID -

 MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - D.O.H. BATHURST & WILSON NO 34007

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	1.8	3	4	10
FEB	28	2	6	10
MAR	22	2	5	12
APR	30	2	7	31
MAY	10	2	5	10
JUN	6	0	0	5
JUL		DATA MISS	SING	
AUG	13	1	4	29
SEP	19	1	3	22
ост	28	2	3	20
NOV	30	2	5	14
DEC	31	1	3	6
YEAR	235	2	7	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - D.O.H. BATHURST & WILSON NO 34007 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL DATA MISSING AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA MAX 0.2 0.6 0.9 1.6 3.0 4.0 5.9 1.7 7.7

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 3 2 0 1 0 1 4 1 2 0 2 12 13 14 15 16 17 18 19 20 0 2 **** 2 2 0 0 2 4 **** **** 0 4 5 **** 0 6 1 032*12 1 1 2 3 1 22 23 24 25 26 27 28 29 30 21 0 0 0 2 0 2 MEAN

PERCENTAGE OF DATA VALID - 94

						ONT	ARIO	MINIS	TRY	OF T	THE E	NVIR	ONMENT	Γ - A1	IR MA	ANAGE	MENT	BRANG	СН						
	POLI	LUTANI	r - Sl	JLPHU	R DIO	KIDE							UI	NITS -	PART	rs PEF	R HUND	DREDM	ILLION	1					
	STA	TION -	- ELM	CREST	ROAD	, ETO	BICOKE		NO	3500	3		MC	HTAC	EB	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2614020000	2 4 1 2 0 1 0 0 0 0	2 3 1 1 0 1 1 0 0	2 2 1 1 0 1 3 0 1 0	2321126122	2 3 2 1 0 1 4 1 1 2	2 2 1 1 0 0 4 0 1 2	2 1 1 0 1 4 0 1 1	2 2 2 1 0 1 4 0 0	2 2 2 0 0 2 3 0 1	2 2 **** 0 0 2 1 0 1	1 2 **** 0 0 0 **** 1 0 0 0	1 2 4 0 0 ***** 0 0 0	1 2 6 0 0 **** 0 0 0	1 2 3 0 0 **** 0 0 0	1 2 4 0 0 ****	1 3 4 0 1 ****	0 2 4 0 1 ****	0 2 4 0 0 0 ****	0 1 3 0 0 0 **** 1 0 0 0	02202	1 2 3 0 2 **** 0 0 2 1	2 1 5 0 2 **** 0 0 1 0	5 1 5 0 2 0 0 0 2 0	2 3 1 0 **** 2 0 1 1
11 12 13 14	0 2 1 1 2	1 2 10 2	0 3 8 3	0 4 7 3	1 6 8 0 * * 0	7 7 7	2 8 5 ***	11 6 ****	11 6 ****	11 4 ****	12 5 ***	12 4 0 * * *	12 4 ****	12 4 ****	15 3 ****	20 3	10 19 3	6 17 2	4 14 2 ****	12 2 ****	13 2 ****	10 2 ****	3 9 1 ****	11 1 ****	3 11 5 ****
16 17 18 19 20	**** 1 2 ****	* * * * * * * * * * * * * * * * * * *	**** 3 1 ****	4	**** 5 1	**** 4 1	**** 4 0 ****	**** 4 0 ***	* * * * * 3 1 * * * *	****	* * * * * 3 1 * * * *	3	DATA 0 2 0	MISSI 2 2 0	NG - 2 1	2	2 2 7	2 2 3	2 3 5	2 2 2 * • • •	2 2 0 0	2 3 0 0	2 2 0 0	2 4 ****	**** 3 1 ****
21 22 23 24 25 26 27 28 29	0 1 0 2 0 3 0 3 3	0 1 0 2 1 2 1 2 3	3 1 0 1 0 2 0 2 2	7 2 0 1 1 2 1 2 2 2	7 2 1 1 1 2 1 2 1	1 3 3 1 1 2 1 1	2 3 6 1 0 2 1 1	4 4 7 2 1 1 1 1 1 1	3 2 8 2 1 1 1 1	5 2 4 2 1 2 2 1 1	4 1 0 2 1 2 2 1	3 1 0 2 4 2 2 1	3 1 1 2 8 1 2 1	4 1 1 6 2 2 1 1	3 2 0 1 6 2 5 2 3	2 2 0 1 5 2 4 3 5	2 1 0 2 3 2 4 5 6	3 0 0 1 2 1 5 3 9	2 0 1 0 3 1 6 2 8	2 0 1 0 3 1 7 2 6	1 0 1 1 4 2 7 4	2 0 2 1 2 1 8 4 2	1 0 2 0 3 0 7 4 2	1 0 1 0 3 0 4 4 2	3 1 2 1 3 2 3 2 3
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2

										-					201										
	POLL	UTANT	- SU	LPHU	OIO F	(IDE							U	NITS	- PAR	TS PE	R HUNI	DREDM	ILLIO	N					
	STAT	ION -	ELMO	REST	ROAD.	ETOE	BICOK	Ē	N	350	03		M	ONTH I	MAR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 0 2 4 1 3 1	3 2 0 1 1 0 3 1	3 2 0 1 1 0 2 1 0	3 1 1 2 1 3 1 0	2 4 0 1 1 0 3 1 0	2 7 0 4 1 0 4 1 2	4 3 0 5 3 0 5 1 3	4 1 0 4 3 0 5 1 3	2 1 0 4 2 0 4 1 2	2002103301	20021	2 0 0 1 1 0 1 0	2 0 0 1 1 0 1 *****	2 0 0 1 1 0 1 ****	2 0 0 1 1 0 1 0 1 1 0 0	2 0 0 1 1 0	2 2 1 1 1 1 1 1 1 1	2 1 2 1 1 1 1	2 1 2 1 0 1 0	2 1 2 1 1 1 0	2 0 2 2 1 7 1	2 0 0 4 0 5 1 0	2 0 0 5 0 7 1	2 0 0 5 0 3 0	2 1 0 2 1 1 2
11 12 13 14 15 16 17 18 19 20	**** 1 4 2	* * * * 1 3 3	1 3 3	**** 2 3 3	**** 3 3	**** 1 3 3	1 2 2	**** 2 3 2	2 3 4	**** 2 3 4	**** 2 3 4	**** 1 4 3	2 1 4 DATA DATA	MISS:	ING - 2 1 2 ING - ING -		2 2 3	1 1 3	1 1 2	1 1 3 ****	1 1 2 	1 1 3 	1 2 4	1 3 3 3 8	1 3
21 22 23 24 25 26 27 28 29	733301110002	6 4 3 0 1 0 0 0 0	6 4 2 0 1 0 0 0 0	7 3 2 0 0 0 0 0	7 4 1 0 0 0 0 1 1	7 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 3 2 1 1 1 1 	7 3 1 0 1 1 1 	8 3 1 1 0 1 	6 2 1 2 0 3 0	1 0 3 1 	4 1 0 1 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 2 1 1 0 0 1 0 0 1 0 0 0 0 1 0 0 0 0 0 0	9211002062	8 1 1 0 1 1 0 6	8 1 1 0 0 1 0 6 2	8 2 1 1 1 0 1 	6 1 1 1 1 0 1 1 1 2 2 2	6 1 1 3 0 1	5 1 1 1 2 0 0 0	4 1 1 1 1 0 0 0	3 1 1 2 1 0 0 0	3 2 1 4 2 0 0	3 2 1 2 2 0 0	6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
31	1	0	0	0	0		• • • •	****	••••	***	****	• • • •					• • • •	****		• • • •	• • • •				• • • •
MEAN	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 67

		en arresponding						100-000-0	-1.000				S			MINIOL.		Dimini							
	POL	LUTAN	T - S	ULPHU	R DIO	KIDE							U	NITS	- PAR	TS PER	R HUND	PREDMI	LLION	ı					
	STA	TION	- ELM	CREST	ROAD	. ETO	вісок	E	N	0 350	03		M	ONTH A	APR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4		****											DATA DATA	MISS: MISS: MISS: MISS:	ING -	_		_							
6	2	2	2	1 0	1 0	1 0	1 0	1 0	1 0	0	0	0	1	0	0	1	1	0	0	3 0 1	3 0 1	3 2 1	2 4 1	2 3 0	1
8	0	****	!			* * * *	* * * *	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
10		••••	***		* * * *		••••	****	• • • •	****	****		7	9	7	5	4	3	5	4	3	4	4	4	••••
11	5	0	0	2	2	0	2	0	2	3	1 3		0	0	0	****	****2	****	1	1	0	0	••••	0	1
13 14 15 16	0 2 0	0 2 0	0 2 0	0 2 0	0 2 0	0 2	0	0	0 2 1	1	5	1 2	1 0	1 0	2 0 2	1 0	1 0 2	2 1 0	1 2 1	1 2 0	1 2 1	1 2 1	1 0 0	0	1
17 18 19	0	0	0	0	0	0	0	0	0	0		0	!	MISSI		1	1 2	1 2	1 2	1 2	1 2	1 2	0	0	Ó 1
20	***	* * * *		****	* * * *	****	••••	***	****	****	0	ō		M1551	1	1	0	1	1	1	0	1	1	0	••••
21 22 23 24 25 26 27	0	0	0	0	0	0	0	0	0	0	0	1-	DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI	ING - ING - ING -	1	1	2	0	0	0	****	••••	••••	0
27 28 29 30	0	0	0	0	0	0	0	0 0 3	0 0 3	0 0 2	1 1 2	3 2 0 2	9 1 0 3	3 1 1 1	18 1 1 10	1 6 2	1 2 1 3	2 2 1 4	5 2 1 4	3 2 1 3	1 1 0 3	0 1 0 4	0 0 0 3	0 0 0 2	1 1 3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID - 50

MEAN 1 1 1 0 0 1

	POLLU"	TANT	- SUL	PHUF	BDIOX	IDE							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATIO	- NC	ELMCR	EST	ROAD,	ETOB	ICOKE		NO	3500	3		МО	NTH M	AY	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	3 1 0 0 0 1 0 0	2 1 2 0 0 1 0 1 0	2 1 1 0 0 1 1 1 1 1	1 1 0 0 1 1 1	0 1 1 0 0 1 1 1	0 1 1 0 0 1 2 0	1 1 0 0 2 2 1 1	4 2 1 0 0 3 1 2 1	7 3 1 0 0 2 1 1 0	7 5 1 0 0 2 1 1 0	6 6 1 0 0 2 1 1 1 0	4 5 1 0 0 3 1 1 1	7 4 1 0 **** 4 1 1 1	7 3 1 0 **** 3 1 1 1 0	5 3 1 0 0 2 1 1	4 3 1 0 0 2 1 1 1	4 3 1 0 0 2 3 0 1 0	4 2 1 0 0 2 5 1 1	4 1 0 0 2 13 1 1	5 2 0 1 2 14 1 1	5 1 0 1 1 1 1 1 0	5 1 1 0 1 1 5 0 0	4 2 1 0 1 1 1 0 0 0	2 1 0 0 0 1 0 0 1	4 2 1 0 0 2 3 1 1
11 12 13 14 15 16 17 18 19	1 0 0 1 0 0 1 2 1	0 0 0 1 1 1 0	0 0 0 1 0 0 1 1 1	0 0 0 1 0 0 1 1 1 0	000000001110	1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	2020000220	1630000310	1 15 2 0 0 0 0 0 3 1	1 38 0 0 0 0 1 3 1	1 16 0 0 1 0 2 4 1	1 0 0 0 1 0 2 4	0 0 0 0 1 0 2 4 2	1 0 1 1 2 0 2 3 2 1	0 0 1 0 2 0 3 3 1	0 0 1 0 1 0 2 3 1	0 0 0 0 0 0 2 3 1	0 0 0 0 0 2 2 1 1	0 1 0 0 0 1 8 2 1	1 2 0 0 0 1 5 1 1	10000013100	1 0 1 0 0 0 2 1 0	0 0 1 0 0 0 2 1 0 0	1 3 1 0 0 0 2 2 1 1
21 22 23 24 25 26 27 28 29	0 1 0 0 1 0 0 2 0 4	01000000	0 1 0 0 0 0 0 1 0 3	000000000000000000000000000000000000000	000000005	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 1 0 0 2 1 3 1 3	1010031622	1 0 1 **** 0 2 2 4 9	1 0 2 0 0 1 6 4 9 2	4 0 1 1 0 0 5 6 5 4	5 1 1 1 0 0 4 5 3 4	3 1 3 1 0 **** 3 3 3	10 1 2 1 0 7 2 2 4 2	4 15 2 0 2 2 13 4 2	4 1 27 2 0 3 2 13 4	2 34 2 0 3 3 3 4	2 2 2 5 1 0 3 2 2 4 1	2391142241	1 2 6 1 0 3 2 2 3 1	1 3 1 0 2 2 1 2 0	0 1 1 1 0 1 3 1 4	100010003040	2 1 6 1 0 2 2 3 3 2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	1	1	1	1	2	3	2	2	2	2	2	3	3	2	2	2	1	1	1	1

PERCENTAGE OF DATA VALID - 99

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIR	ONMEN	T - A	IR M	ANAGEN	MENT	BRANG	ЭН						
	POLL	UTANT	r - sı	JLPHUR	R DIOX	CIDE							U	NITS	- PAR	TS PEF	R HUNI	DREDM	LLION	ŧ					
	STAT	ION -	ELMO	CREST	ROAD,	ETO	вісок	E	NO	3500	3		м	ONTH .	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0133210000	0 1 2 3 2 1 0 1 0 0	0 1 3 2 0 0 1 0 0	0 1 3 2 0 0 1 0	0013200100	0022100100	0123200100	0183200210	**** 1 5 3 2 0 0 2 0	**** 25 32 00 ****	1 3 5 4 1 1 0 1 0	0 7 5 4 1 1 1 0 0	0 9 7 4 9 2 1 1 0 ****	2 1 0	1 7 10 4 19 1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 6 6 4 2 1 2 1 1 1	1 6 5 4 1 1 2 0	1 5 6 4 1 2 1 1 0	1 5 6 4 1 3 1 1 0	1 7 7 4 2 3 2 1 0	10 6 4 1 2 1 0 0	285311100	1 4 5 3 1 1 0 1 0 0	1 3 4 2 0 0 0 1 0 0	1 4 5 3 4 1 1 1 0 0
11 12 13 14 15 16 17 18 19	0 0 4	0 0 4	0 0 3	0 0 3	0 1 4	0 1 3	0 1 4	0 2 4	0 3 4	0 2 4	0 2 3	-	DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING -	0 3	0 3	05	0 5 ****	0 4	0 3	0 3	0 3 ****	0 4	0 2 ****
21 22 23 24 25 26 27 28 29 30	****	****	****	****	****	****	****	****	****	****	**** 0 0 0 0	-	DATA DATA DATA	MISS MISS MISS MISS MISS ****	ING - ING - ING -	*****	0 0 0 0 3	0 0 0 0 4	0 0 0 4	1 0 0 0 2	1 0 0 0	1 0 0 0	1 0 0 0	1 0 0 0 0	**** 0 0 0
MEAN	1	1	1	1	1	7	1	1	1	7	1	2	2	4	3	2	2	2	2	2	2	2	1	i	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH JUL 0010000000 0070000001 .00000000 2 0 0 0 4 1 3 3 6 0 12010232* 352003. 40 6 3 1 0 4 7 3 1 6 6 1 0 2 9 3 1 5 4 4 1 0 1 1 9 6 21 7 3 0 0 0 1 2 3 8 1 3 5 1 0 2 2 1 3 9 1 7 342 001013 MEAN

PERCENTAGE OF DATA VALID - 97

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIR	ONMEN	T - A	IR M	ANAGEN	MENT	BRANG	ж						
	POLLU	JTANT	· SU	JLPHUF	R DIOX	IDE							U	NITS	- PAR	TS PEF	HUND	DREDMI	LLION	ľ.					
	STATI	ON -	ELMO	CREST	ROAD,	ETOB	ICOKE	į	N	3500	3		M	ONTH	AUG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	200000000000000000000000000000000000000	1000001010	00001010	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	100000000	000000000000000000000000000000000000000	100000000000000000000000000000000000000	000000000000000000000000000000000000000	1000221000	0100233000	0 2 5 8 0	10000	10010211200	7 0 24 3 0 0 2 0	8 1 0 6 4 0 0 2 0	4 0 5 4 0 0 3 0	2107200100	1 1 0 5 4 0 0 1 0 0	100120000	2 1 0 1 1 1 1 0	1 1 0 0 0 1 0 0	000010100	2 1 0 2 1 1 1 0 0
11 12 13 14 15	0 2 0 1	0 3 0 1	0 2 0 1	0 1 0 1	0 1 0 2	0 1 0 1	0 1 0 1	0 1 0 1	3 1 0 1	5 1 1	3 1 1 1	0 1 1	0 0 2 1 DATA DATA	MISS MISS	1 0 1 ING - ING -	!	5 1 1	7 2 1	3 2 1	!	1 0	1	!	2 0 1	1 1
17 18 19 20	2 1 2	2 1 1	2 1 1	2 1 1	2 1 1	2 1 1	2 1 1	2 1 1	1	2 2 2	2 3 2	2 5 2	2 7 10	2 7 4	2 3 5 22	2 3 3 54	5 3 4 46	3 4 11	2 3 4	2 3 3 3	2 2 2 2	2 2 2 2	2 2 2 2	2 1 2 2	2 3 7
21 22 23 24	2 5 1	2 5 1	1 6 1	1 5 1	5 0	1	1 3 0	1 3 1	4	5 7 1	7 6 0	6 7 0	6 9 0 DATA	6 11 0 MISS	8 3 ING -	7 3 2	5 3 1	6 3 0	6 3	⁵	5 2	, 6 2	5 2	5	4
22 23 24 25 26 27 28 29 30	0 1 0 0 0	0 1 0 0 0	0 0 0 0	0000	0000	0000	0 0 0 1 0	0 0 0 1 0	0 0 0 1	1 0 1 1	1 1 0 1	1 1 0 1 49	1 0 1 38	1 2 1 0 4 3	1 2 1 0 5	1 2 1 1 2 1	1 1 0 0	1 1 0 0	1 1 1 0 0	1 1 0 0	1 1 0 0	0 1 0 1 0	0 1 0 0 1	02000	1 0 1
31	0	0	0	0	0	0	0	1	2		1	2	4	5	13	11	5	3	3	3	2	1	1	1	3
MEAN	1	1	1	1	1	0	0	1	1	1	1	3	4	2	3	5	4	2	2	2	1	1	1	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - ELMCREST ROAD, ETOBICOKE MONTH SEP NO 35003 HOUR DAY 1.6 24 MEAN 5 0 0 **** 0 0 1 0 18 3 0 0 1 0 0 0 22 2 0 0 17 0 0 1 0 2 8 3 0 0 8 2 3 4 5 6 7 8 9 0 0 33 2 0 0 0 15617 1890 22234 2678 290 0 0 1 11 0 1 1 1 2 2 0 0 3 0 0 MISSING MISSING 2 2 2 4 2 2 3 1 1 0 DATA DATA 2 3 2 1 1 0 * * **** **** . 2 0 1 0 0 0 1 0 0 1 0 0 4 0 MEAN

PERCENTAGE OF DATA VALID - 86

						ONT	ARIO	MINIS	STRY	OF	THE	ENVIR	ONMEN.	T - AIR	MA	NAGEM	ENT	BRANC	H						
	POLL	UTANT	- SI	JLPHUI	R DIO	KIDE							U	NITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	ELMO	CREST	ROAD	ETO	BICOK	9	N	3500	03		M	ONTH OC	T	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0 0 1	0 0 0 0 0	000000	00000	00000	000000	000000	0 0 0 1 0	0 0 0 1 0	0 3 1 1	0 0 3 2 ****	0 1 4 2 5	0 1 4 2 29 1	0 1 3 2 11	0 2 4 3 3	0 2 4 3 3	0 3 2 2 3 1	0 4 2 1 3	0 3 1 2 0	0 2 3 1 2	0 2 3 1 2	0 1 2 1 2 0	1 1 1 1 1	1 0 1 1 1	0 1 2 1 3
7 8 9 10	0	0	0	0	0	0	0	0	0	****	****		DATA DATA 12	MISSIN MISSIN 13	G -	3	2	2	* * * *	2	2	3	3	3	****
11 12 13 14 15 16 17 18 19 20	3 0 1 0 0 0 0	2310010011	231000011	2411000011	2411000011	2310000011	2300000011	3 0 1 0 0 0 1 1	6301000011	4 2 1 1 0 0 0 0 0 1 *****	5 2 1 1 0 0 0 0 0 1 * * * *	5 * * * * 1 1 0 0 0 0 1 0	7101010110	500010011001111	5 0 0 0 0 0 1 1 2	600000112	5000000111	500000011	5100000010	4 1 0 0 0 0 0 0 1 1	4100000011	5110010111	4100010111	4 1 0 0 0 0 0 1 1	4 2 0 0 0 0 0 0 0
21 223 24 25 267 289 30	0 2 1 0 0 1 2 1 1	0 2 1 0 0 1 2 1 1 0	0110011110	1 1 1 0 0 1 3 1 1	1110014110	0210012110	3210022100	4310022100	2210022110	3 2 1 1 1 2 10 1 1 0	2220111100	3 1 2 0 1 1 ****	2220111000	2 3 1 0 1 1 9 1 0 0	2 3 1 0 1 3 4 3 0 0	2210123600	1 2 1 0 1 1 3 4 0	1 2 1 0 1 1 4 2 0 0	3 1 0 1 1 4 1 0 0	3 1 1 0 1 1 4 1 0 0	1 1 0 0 1 1 4 1 1 0	2210122100	1 1 0 1 2 1 1 0 0	1 1 1 0 0 2 1 1 0 0	2 2 1 0 1 1 4 1 0 0
31	0	0	0	0	0	0	1	1	2	2	1	1	1	i.	1	1	1	0	1	1	1	1	ĩ	0	1
MEAN	1	1	1	1	1	1	1	1	1	2	2	1	3	2	2	2	1	1	1	1	4	1	1	1	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH NOV HOUR DAY 12 13 14 24 MEAN 2 3 4 5 6 7 8 9 1 0 1 0 1 Ô DATA MISSING
DATA MISSING
O 0
DATA MISSING 1 1 1 1 1 ō 1 0 1 2 0 0 3 Ò

PERCENTAGE OF DATA VALID - 84

MEAN

0 0

						ONTARIO	M	INISTRY	OF	THE	E	NVIRON	MENT -	AIR	MA	NAGEME	NT E	BRANCH	l.						
	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UNIT	'S - F	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	ELMCR	EST F	ROAD,	ETOBIC)KE	N	0 35	003			MONT	H DEC	5	72									
HOUR	1	2	3	4	5	6	7	8 9	1	0	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	30020112222	2001021221	20001010221	20001010121	20011011121	2000100100100100100100100100100100100100	2 0 0 1 0 1 0 1 2 1	1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 3 2 2 2 1 1 1		1 4 0 1 0 1 0 1 0 2 2 2	1 1 0 1 1 1 0 1 3 1	1 0 0 1 1 1 1 0 0 3 1 1	1 0 0 0 2 1 0 1 3 1	10000100031	1 1 0 0 2 1 0 2 3 1	1 1 0 0 0 0 1 2 1	2 1 0 1 0 0 2 2 1	1 1 0 1 1 0 2 3 2	0 3 1 0 1 0 0 2 2	0 2 1 0 0 2 2 1	0 1 1 0 3 0 0 2 2 2	0 1 1 1 3 0 1 2 3 2	0 1 2 1 1 0 1 2 3 3	0 1 2 1 1 0 2 2 3 2	1 1 0 1 1 1 0 2 2 1
11 12 13 14 15 16 17 18 19	1 2 3 1 1 1 1 1 1 3 2 2	1 1 2 1 1 2 2 2	1 0 1 1 0 1 2 1	1 1 1 1 0 0 1 1	1 1 1 1 0 2 1 1	0 3 1 1 1 1 0 2 1 1 1	0 4 2 1 1 2 0 2 1	0 0 7 6 2 2 0 0 1 1 1 2 4 4 0 0 2 2 2 1 2		1 4 2 1 1 4 0 3 3 3	1 3 2 1 1 5 0 3 3 3 3	0 2 1 1 1 4 0 3 3 3	1 1 1 2 0 3 2 4	1 2 1 0 1 2 0 3 2 3	1 2 1 1 0 1 0 3 2 2	1 2 1 1 0 1 0 3 3 2	1 2 0 1 0 1 0 3 3 2	1 2 0 1 0 1 0 4 3 2	1 2 0 1 0 1 0 4 2 3	1 2 0 1 0 1 0 4 2 3	0 2 0 1 0 1 1 4 2 3	1 3 1 1 0 3 1 4 2 3	1 1 0 2 0 4 2 4	1 3 1 1 0 2 0 3 2 3	1 3 1 1 2 0 3 2 2
21 22 23 24 25 26 27 29 30	31 22 1 1 2 2 1 1 2 1	2 1 1 1 2 3 1 0 1 1	2 1 1 1 2 3 1 1 0 1	1 1 2 3 2 0 1 0 1	1 2 2 2 1 1 1 0 1	1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 3 3 1 1 1 1 1 1 1 1	2 2 1 1 2 3 3 3 1 1 2 2 1 1 2 2 2 1		2 1 3 2 1 2 1 2 2 1	2 1 2 2 1 1 1 4 2 1	2 1 2 2 2 1 1 3 2 1	2 1 3 2 1 2 1 1 2 2	20322211222	2033120122	20333110122	2 0 2 3 1 1 0 0 2 2	30221221012	2022111012	3022111022	301221111	3 1 1 3 3 3 2 1 1 3	3113241212	2213231212	2122221112
31	2	2	2	2	2	2	1	1 1		1	1	1	1	1	1	2	1		1	1	1	1	1	2	1
MEAN	2	1	1	1	1	i	1	1 1		2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ELMCREST ROAD, ETOBICOKE NO 35003
POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	3	21
FEB	27	2	11	20
MAR	25	2	6	9
APR	20	1	3	1.8
MAY	31	1	6	38
JUN	18	2	5	29
JUL	31	2	5	38
AUG	28	2	7	54
SEP	28	1	5	33
OCT	29	1	4	29
NOV	27	1	3	8
DEC	31	1	3	7
YEAR	326	1	11	54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT	- SULPHUR	R DIOXIDE			UNI	T - PARTS F	PER HUNDREDMILLION
STATION -	ELMCREST	ROAD, ETOBI	COKE	NO 35003			
	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN	670	26	2	2	0	0	700
FEB	514	49	12	4	0	0	579
MAR	466	39	0	0	0	0	505
APR	348	11	7	1	0	0	361
MAY	694	33	5	4	3	0	739
JUN	361	30	0	1	1	0	393
JUL	658	55	6	4	2	0	725
AUG	569	45	4	2	1	3	624
SEP	599	11.	3	5	2	0	620
OCT	641	1.7	4	0	1	0	663
NOV	597	9	0	0	0	0	606
DEC	740	3	0	0	0	0	743
YEAR	6857	328	37	23	10	3	7258

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA					CONCENT		PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
82	0	0.1	0.4	0.7	1.1	2.9	4.3	6.8	10.0	54	1.4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005 MONTH MAR HOUR 24 MEAN DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 2 2 3 2 3 2 3 4 3

12 13 14 15 16 17 18 19 20 5 5 7 3 5 22 23 24 25 26 27 28 29 30 333* 3 2 3 MEAN

PERCENTAGE OF DATA VALID -

	POLLUT	ANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUND	REDMI	LION						
	STATIC	N -	QUEEN	SWAY	HOSPI	TAL	ETOBIC	OKE	NO	3500	5		MON	TH AF	PR	72									
HOUR	3	2	3	4	5	6	.7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
DAY 1 2 3 4 5 6 7 8 9	3 2 1 2 1 0 0 1 1 5	3 3 2 3 3 0 0 1 3 5	3 2 3 4 1 0 0 1 2 4	3 2 2 4 1 1 0 1 1 5	2 2 2 1 0 1 0 2 2 3	3 1 2 2 1 0 1 2 2 4	43322112224	3223012125	4 2 1 3 0 1 3 1 3 5	3 3 2 3 0 1 2 1 2 8	3 3 2 2 0 0 1 1 2 8	3 3 1 2 0 1 2 1 2 6	2 2 0 3 0 1 2 1 2 4	3 3 2 2 0 1 2 1 3 4	4 2 2 2 0 0 1 1 2 1	4 2 3 1 0 0 1 2 2	2230001222	2220020131	12200011212	1 2 3 0 0 1 1 1 1 1 1	3230011122	3 2 2 0 0 0 1 1 1 1 3	2220030131	2230131232	3222011124
11 12 13 14 15 16 17 18 19 20	1 1 1 1 1 2 3 1	2 1 3 1 1 1 2 2 2 2	2 2 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 3	32211211221	1 1 2 1 1 1 1 1 1	2 1 2 1 1 1 2 2 2 2	2 1 1 2 1 1 5 3 1	4 2 2 1 2 2 2 1 1 3	2 3 1 1 3 2 2 1 3 3	2221222132	2 2 2 2 1 1 1 1	2 1 2 2 1 1 2 2 2 1	2 2 3 1 1 2 1 1 1 1	0 1 1 3 1 1 3 2 1	2 2 **** 1 1 2 2 2 2 1 1	2 1 0 1 2 1 1 1 1	1 1 1 2 1 1 1 3 1	1 1 1 1 2 2 1 1 1	1 1 1 2 2 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 2 1	3 2 1 1 2 1 2 2 2 1	2 2 1 1 2 1 1 2 1 1	1 1 1 1 1 1 2 3 1	2 2 1 1 2 2 1
21 223 244 256 278 290	2 2 1 1 1 2 1 0 1 1 1	2223122000	3 1 1 1 1 1 2 0 0	2 1 1 1 1 1 1 0 0 2	1 3 1 1 1 1 2 0 0	2 3 1 1 2 1 1 0 1 0	2 1 1 2 2 0 1 2	1 3 2 2 2 2 2 3 1 4	2 2 1 2 2 1 3 1 2 3	1 1 1 1 1 2 0 1 2	2 2 2 1 1 1 1 2 0 2	1 1 1 1 1 3 1 1 2	2 1 1 1 2 4 *	1 3 1 2 2 1 1 * * * * 0 1 1	1 2 0 1 0 2 0 1 0 2	2 2 1 1 1 3 0 1 1	1 3 1 2 1 2 1 1 1 2	1 1 1 1 1 1 3	1 1 2 1 1 1 0 0 0 2	1 2 1 1 1 1 1 1 0 0 0 2	1 2 1 0 1 1 2 1 1 3	3 2 2 1 1 1 1 1 1 3	1 1 1 1 1 1 0 1 2	1 3 1 0 1 1 0 1 1 1 2	2 2 1 1 1 1 1 1 1 1 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID -

MEAN

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH MAY STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 1566178 190 212224 26728 290 15 1 4 1 2 0 3 0 2 30 31 20 20 2 NNCNOCOON 0 4 1 0 0 0 MEAN

PERCENTAGE OF DATA VALID - 98

						ONT	ARIO	MINIS	STRY	OF 1	HE E	NVIR	NMENT	Γ - A]	CR MA	ANAGEN	MENT	BRANC	СН						
	POLL	UTANT	r - Sl	JLPHUP	R DIO	(IDE							UN	VITS .	- PART	TS PER	R HUND	DREDM	ILLION	١					
	STAT	TION -	QUE	ENSWAY	/ HOSF	PITAL	ETOB	COKE	NC	3500)5		MC	ONTH .	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 3 0 1 1 1 **** 0 0 3 3	2 3 0 2 1 **** 0 1 3 3	2 3 0 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 1 1 1 0 ****	3 3 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 0 1 2 0 0 ****	4 0 1 2 0 0 ****	3 4 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 0 1 1 1 0 **** 3 3	3 5 0 1 1 1 0 ****	3 13 0 1 1 1 1 ****	3 1 1 1 1 0 ****	5012	5 0 1 1 **** 1 1 **** 2 3	4 0 1 2 **** 1 **** 2 3 3	4 0 1 2 **** 0 **** 3 3	4 0 1 2 0 0 **** 3 3	4 0 1 2 0 0 0 0 4 3 2	4 0 1 2 0 2 **** 4 3 2	4 0 1 2 0 1 **** 3 3	4 0 1 2 0 1 **** 2 3 3	4 0 1 2 0 0 **** 3 3 4	4 0 1 2 0 0 **** 3 3 4	4 0 1 2 0 0 0 0 2 3 3	4 2 1 2 1 1 **** 3 3
11 12 13 14 15 16	2 4 6 1 3	2 4 6 1 3	2 4 7 1 3 3	3 4 7 1 3 3	3 4 7 1 4 2	2 5 7 1 5 3	4 8 2 7 3	4 5 8 2 9 3	4 7 8 3 6 3	3 6 8 3 3 3	3 7 8 5 2 3	2 6 6 3 3	3 4 7 4 3 3	2 **** 3 2 2 MISS	3 9 1 3 1	3 8 1 3 2	3 8 1 6 2	3 8 2 8 2	3 6 2 5 2 * * * *	3 6 1 3 2	3 6 2 3 2	3 7 1 3 3	3 7 2 3 3	3 7 2 4 2 ****	3 6 5 3 3
18 19 20	1	2	2 0	2 2	2	2	0 2 1	0 3 2	0 4 1	0 3 1	0 2	1 3 3	1 4 3	1	0 7	1 1 8	2 2 8	2 1 5	2 1 5	2 0 7	2 1 8	1 0 3	1 1 2	2 1 2	1 2 3
21 22 23 24 25 26 27 28 29 30	2 0 1 1 2 3 2 3 **** 1	3 1 1 1 2 3 3 4 4 4 4 2	2 0 0 1 2 3 3 3 3 3 4 * * * * 2	2 1 1 2 3 3 4 4 4 4 1 1	2011232	30122222	2 0 1 1 2 3 2 3 2 4 4 4 4 4 2 2	2 1 2 2 2 3 4 *** * * * * 2	20222477	2 1 3 2 3 3 6 ****	4 0 2 2 3 4 5 ****	4 1 1 2 3 4 5 ****	2 0 1 2 3 4 6	1 1 3 3 4 6 6 * * * * * 4	**** 0 1 2 3 4 5 ****	0 0 2 2 4 5 4	0022344	1 0 2 3 3 9 5 * * * * * 2 4	0 0 1 2 3 10 8 ****	1 1 2 3 3 4 4 ****	0 0 1 1 2 3 4 ****	1 0 1 2 3 3 4 * * * * * 1 2	00123334	1 0 1 2 3 3 3 3 ****	200123344*****
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2

UNITS - PARTS PER HUNDREDMILLION ONTH

13 14

3 2

- DATA MISSING

1 1 0
0 7 3 3
0 2
4
1 STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005 HOUR DAY 1 2 3 4 5 6 7 8 9 ...2 ...2 ...3 . 3 ...2 . . . 3 ...3 ...2 0 1 1 0 0 3 3 2 0 12 13 14 15 16 17 18 19 20 3 1 3 0 6 1 2 1 2 1 0 3 1 1 2 1 1 0 1 3 2 2 .00 22 23 24 25 26 27 28 29 30 2 4 3 1 1 MEAN

PERCENTAGE OF DATA VALID -

POLLUTANT - SULPHUR DIOXIDE

						ONTA	RIO	MINIS	TRY	OF TH	IE E	NVIR	ONMEN	T - AI	R M	ANAGE	MENT	BRAN	ЭН						
	POLL	UTANT	- SU	LPHUR	DIOX	IDE							U	NITS -	PAR	TS PER	HUNI	DREDMI	LLION						
	STAT	ION -	QUEE	NSWAY	HOSP:	ITAL	ETOBI	COKE	NO	35005	i		M	ONTH A	UG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 1 2 0 1 2 2 3 0 0	3 1 2 0 1 2 3	3 1 0 0 2 3 	4 1 2 0 1 2 2 2	3 1 2 0 1 1 1 2	4 2 2 0 0 1 1 2	4 2 3 0 1 1 3	3 2 2 0 1 2 2 	4 2 3 0 1 2 2 0 0	4 2 0 0 1 3 3 3	4 2 0 0 1 2 3 *** 0 1	3 2 0 0 1 2 6	4 3 0 0 2 2 7 0 0 1	4300227001	4 2 0 0 1 2 5 0 0 1	4 3 0 2 1 3 3 0 0 0	4 0 0 1 2 3 0 0	4 5 0 1 1 2 3 0 0 1	1300122000	2300132000	1 2 0 1 1 2 2 0 0 0	2 2 0 0 2 2 1 0 0	1 2 0 1 1 2 2 0 0	1 1 0 0 1 3 4 0 0 1	3 2 1 0 1 2 3
11 12 13 14 15 16 17 18 19	0 0 1 2	1 0 0 1 2	1 0 0 1 1	0 0 2 1	1 0 0 1 2	2 0 0 2 0	1 0 0 1 1	1 0 0 3 2	3 0 1 1 2	3 1 1 1 2	3 0 1 3 1	•	DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	0 1 1 NG - NG - NG -	0 0 2	0 0 1	0 0 1	0 0 2	0 0 2	0 0 0 2 2	0 1 1 0	0 0 1 0	0 0 0 2	1 0 0 0 1
21 22 23 24 226 27 28 29 30	0 0 1 0 0	0 1 1 0 1	0 1 0 0 0	0 0 1 0 0	0 1 0 1 0	0 0 1 1 0 2	0 0 1 1 0 2	0 1 1 0 1	0 1 1 1 0 2	0 1 1 2 0 2	0 1 2 1 1 3		DATA	MISSIN MISSIN MISSIN 0 0 1 0 2 2	VG -	0 0 1 1 1 3 2	0 0 0 1 1 4 2	0 0 0 1 0	0 0 1 1 0 1 3	0 0 1 1 0 2 3	0 0 0 1 0	0 0 1 1 0	0 0 0 1 0 2 2	0 0 1 1 0 2 2	0 1 1 0
31 MEAN	2 1	2	3	2	2	3 1	1	3 1	3 1	3 1	3 2	3 2	3 2	3	3	3	4 1	4	4	3	3	4	3	3	3

	POLL	UTANT	- SI	JLPHUF	R DIO	(IDE							U	NITS	- PAR	TS PEF	R HUND	DREDMI	ILLION	1						
	STAT	ION -	QUE	ENSWAY	r Hose	PITAL	ETOBI	COKE	NO	3500)5		M	ONTH :	SEP	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
DAY 1 2 3 4 5	2 1 0 1 1	1 0 1 0 1	1 0 1 0 2	1 0 1 0	2 0 1 1 0	1 0 0 0	1 0 0 0	2 0 1 1	1 1 0	3 0 2 1 1	2 1 1 1		2 1 0 0 0 DATA	MISS	2 1 2 1 ****	2 0	2 0 **** 0 ****	3 0 0 1 ***	4 0 0 1	3 0 0 1	3 0 0 1	0 0 0 ****	0 0 0 0	0 0 0 1	2 0 1 1	
7 8 9 10	0 0	****	*** ° 2 1	0 1	* * * * 0 1	**** 0 1	****	0 0 0 0 2 0	× * * * 1 0	****	1 0	* * * * * 1 1	DATA **** 0 4	MISS 0 4	0 0 4	0 0 3	2 0 2	1 0 1	0 0 1	0 0 2	0 1 1	0 1 1	0 1 1	0 1 1	1 1	
11 12 13 14 15 16 17 18 19 20	2012211001	2 0 2 2 3 1 1 0 0	1 0 2 2 3 2 0 0 0 1	0 0 1 2 3 1 0 0 0	1 0 1 2 2 1 0 0	2021	2 0 2 1 2 1 0 0 0	3 0 2 1 3 1 0 0 2	2 0 2 1 2 1 1 0 0 2	2 0 2 2 4 3 0 1	202241001	20213331101	2 1 2 1 0 1 0	1 **** 3 3 3 1 0 2 0 0	1 **** 2 4 1 1 0 1 1 0	1 3 2 5 2 0 0 1 ****	1 2 2 4 2 0 0 1 0 0	1 4 1 3 3 0 0 2 0	1 3 2 3 3 0 0 2 0	0 2 2 3 2 0 0 1 0 0	1 2 1 3 2 0 0 1 0	1 2 1 3 2 0 0 1 2	1223100020	1 2 2 3 1 0 0 0 2 1	1 1 2 2 2 1 0 1 0 1	
21 22 23 24 25 26 27 28 29 30	200011112000	2000211200	100121020	10001110200	1010201220	1010211250	1 0 1 1 2 1 0 2 4	3012111200	2021122220	2011231220	2021530210	4 0 1 2 4 4 1 2 1 0	102222311	1 0 1 4 **** 2 5 1 0	1 0 1 3 1 2 2 1 0	1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 1 1 2 2 2 2 0 0	4 3 1 2 1 2 2 0 0	2 1 2 0 2 2 0 0	2 1 2 1 2 0 0	1 0 2 1 1 1 2 0 0	0 0 0 2 2 2 1 0 0	0 1 1 1 1 1 0 0	0 0 1 1 1 1 2 2 0 0 0	2 0 1 1 2 2 1 1 1 0	
MEAN	:1	1	1	1	1	4	1	1	1	1	-1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 88

						ONTA	RIO	MINIST	RY	OF T	HE E	NVIRO	MENT	- AII	R MA	NAGEM	IENT I	BRANC	Н						
	POLL	UTANI	r - SI	JLPHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	QUE	ENSWAY	HOSP	ITAL	ETOBI	COKE	NO	3500	5		MON	тн о	CT	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	0 1 1 2 0 1 0 0 0 1	0 0 1 2 0 0 0 0	0 4 1 2 0 0 0 0	0 3 1 1 0 0 0 0 0 0 0	0 2 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0112100003	1 1 2 3 0 0 0 1 0 3	2323200105	2 4 4 2 1 0 0 4	3244220002	2 3 5 **** 0 0 0 1	0562200001	1 3 5 1 1 0 0 0	1 2 4 2 1 0 0 0 0 1	0 3 4 2 2 0 0 0 0	1 3 3 2 2 0 0 0 0	1 **** 2 1 2 0 0 0 0	0 1 2 2 2 1 0 0 0	1 2 3 1 2 0 0 0 1 0	1 3 3 1 2 0 0 0	2230200010	1 2 3 1 1 0 0 0 1 1	2 3 1 1 0 0 0	1 1 2 0 1 0 0 0 0 1	1 2 3 2 1 0 0 0 0
11 12 13 14 15 16 17 18 19 20	1 1 0 3 1 1 1 2 0 0	1112221200	0 2 0 2 1 2 1 1 0 0	0321121100	0 1 1 1 2 2 1 0 0	0211021100	1 2 2 2 0 1 1 2 0 2	3 1 2 2 2 1 2 2 0 2	4 0 3 1 2 2 2 2 2 0 3	6022211200	* * * * * * * * * * * * * * * * * * *	5 0 8 2 2 3 1 3 0	3 2 11 2 0 3 1 4 0 0	4032121300	7 1 3 2 0 2 1 2 0 0	7 1 3 1 0 2 1 * * * * *	5 0 2 1 0 2 1 0 0 1	5 0 2 1 2 2 1 0 0	3 0 3 2 1 2 1 0 0	2 1 2 1 1 2 1 0 0 2	20211120011	3 1 2 1 1 2 1 0 0 0	3020131001	20202110001	31131121101
21 22 23 24 25 26 27 28 29 30	2120012010	0 1 1 0 1 2 2 1 1 0	1 3 2 0 1 1 2 0 0	1310022000	1 5 2 0 1 2 2 0 0	2520121000	3320032000	4 4 2 0 0 5 3 0 0 0	4 4 2 0 2 3 5 2 0 0	5520326100	7 3 1 0 2 2 10 0 0	3 2 2 0 2 2 9 0 0	2 2 3 0 2 4 6 2 0 0	2230266200	2 1 2 **** 1 7 4 2 0	1 1 3 0 1 6 2 4 0	0 1 5 0 2 7 2 4 0 0	0 2 4 0 1 3 3 2 0	0 1 3 **** 1 3 2 2 0 1	6 1 2 3 2 1 0 0	2 1 2 0 2 2 2 0 0 0	1 1 0 2 1 2 0 0 0	3 1 0 1 2 2 0 0 0	3 1 0 1 2 3 0 0 0 0	2220133100
31	* * * *	* * 0 *		0000	1	3.	2	2	2	1	1	1	1	0	0	1	1	1	0	1	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 0 2 1 22* DATA MISSING DATA MISSING DATA MISSING DATA MISSING 12 13 14 15 16 17 18 19 20 1 2 1 2 1 Ó ô 22 23 24 25 26 27 28 29 30 0 2 1 0 2 1 0 0 1

PERCENTAGE OF DATA VALID - 85

MEAN

						ONTARI	0 1	MINISTRY	OF	THE	E	NVIRO	NMENT	- AIR	MA	NAGEN	MENT	BRANC	H						
	POLLU'	TANT	- SULF	PHUR	DIOXI	DE							UNI	TS -	PART	S PEF	R HUNI	DREDMI	LLION	١					
	STATI	ON -	QUEENS	SWAY	HOSPI	TAL ET	OBI	COKE N	0 3	5005			MON	TH DE	С	72									
HOUR	1	2	3	4	5	6	7	8 9		10	11	1.2	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 1 3 1 2 0 2	3 1 3 2 0 0 2	2232132113	2332132100	2132232000	2122232100	3 1 3 2 0 3 2 0 1 1	3 3 2 2 2 2 2 2 2 2 1 1 1 1 0 0		3 5 2 1 3 1 0 2 0	2 3 3 1 1 2 1 0 2 1	1 2 3 0 1 2 0 0 2 1	1 2 2 0 4 2 1 0 2 2	0222422020	0020332020	1 2 0 3 2 0 0 2 0	1 3 3 1 3 2 0 0 2 1	0 4 3 1 3 2 0 1 2	1 3 3 0 4 2 0 0 1	2 3 2 0 4 2 0 0 2 2	1 3 3 1 5 2 1 0 2 2	0 3 4 1 3 2 0 0 2	0 2 3 1 3 2 0 0 2	0 2 3 1 2 3 2 0 2	2 2 3 1 2 2 1 0 1 1
11 12 13 14 15 16 17 18 19 20	1 0 1 0 0 0 0 1 3 1	0020100031	0 1 0 0 0 3 0	0 0 1 0 0 1 0 0 1 0	1000010220	1 2 0 0 0 1 0 1 3	1 4 1 0 0 1 1 0 1 1 0	0 2 4 4 0 0 0 0 0 0 1 1 1 2 1 3 0 0		2 2 0 0 0 1 0 3 3 0	1 2 1 0 0 3 0 3 2 0	0 2 1 1 0 3 0 3 2 0	1003303300	3001020310	2000000330	**** 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 3 2	0 0 1 0 0 0 2 2	0 0 1 0 0 0 3 2	000000000000000000000000000000000000000	**** 0 0 1 0 0 0 3 1 1	1 0 1 0 0 0 2 0 0	1 0 0 0 0 0 2 2	1 0 0 0 1 0 2 1 0	1 0 0 0 1 0 2 2
21 223 24 25 26 27 28 29 30	00000	0000000000	000000000000000000000000000000000000000	0000100000	10001000000	0 0 0 1 1 0 0 0 0 0 0	2001000000	2 3 0 0 0 1 2 1 0 0 2 1 0 0 0 0 0 0 0 0		200000000000000000000000000000000000000	2012010100	2 0 1 0 0 1 0 0 0	0 1 0 0 2 0 0 0 0 0	00000000000	000000000	1000000000	1 0 0 0 0 0 0 0 0	2000121000	100000000000000000000000000000000000000	20110010000	0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	000001112000	1 0 0 1 1 1 0 0 0 0 0 0
31	0	0	0	0	0	0	0	0 0		0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1 1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MIS	SSING	
FEB		DATA MIS	SSING	
MAR	25	4	5	9
APR	30	2	4	8
MAY	31	2	6	30
JUN	29	2	6	13
JUL	30	2	4	15
AUG	23	1	3	7
SEP	28	1	2	5
OCT	31	1	3	11
NOV	27	1	3	6
DEC	31	1	3	5
YEAR	285	2	6	30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA MISSING JAN FEB DATA MISSING MAR APR MAY JUN JUL, AUG SEP OCT NOV DEC Q YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN 10 30 50 70 90 95 ARITH MEAN VALID MAX 0.2 0.6 0.9 1.8 3.2 4.0 5.4 6.5 1.7

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION .	EVA	NS/ARN	IOLD E	TOBIC	COKE 0	AMST	NO	3503	3		M	HTMC	JAN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	5 3 7 4 1 7 3	5 3 8 9 1 3 3	4 2 9 11 2 3	33 39 11 4 55	3 3 7 11 6 14 5	33 4 8 6 18	4 3 3 4 5 26 6	3 3 3 4 5 28	3 3 4 4 4 9 17 5	33 4 4 5 5 5	3 3 4 4 4 9	2 3 3 3 3 5 5	DATA DATA 3 3 3 2 2 3 5	MISS: MISS: 22 23 1 4 6 3	ING - ING - 2 2 3 1 3	22331233	2 1 3 3 1 3 2 3	2 1 4 3 2 3 2 3 2 3	2 1 4 3 1 3 2 2	2 2 5 4 1 3 2 2	2 2 5 4 1 3 2 4	3 5 5 1 4 2 3	2344314425	4 · · · · · · · · · · · · · · · · · · ·	3 3 4 4 4 7
11 12 13 14 15 16 17 18 19	7 5 2 2 3 7 21 3 2	6422237932	7 4 2 3 2 3 7 1 1 3 2	5 4 3 2 3 7 11 4 2	3 4 9 3 3 5 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 4 7 6 3 8 3 1 5 3 2	2 4 6 5 3 9 3 1 8 3 2	3 5 4 3 15 3 11 2 3	25463553623	2 4 4 10 3 10 3 3 2 3	2357373323	2 6 4 15 2 6 4 3 2 3	3 3 2 7 2 2 4 4 **** 5	2 3 2 2 2 2 4 7 3 6	242322	25 25 32 3 4 35	2323233434	2 3 2 3 2 3 3 9 3 4	3 3 2 3 2 3 3 9 3 4	3323233733	4323252333	5 3 2 3 3 16 9 3 3 3	6 2 2 3 3 8 9 4 2 3	4 2 2 3 14 11 3 2 3	3 4 3 4 2 6 5 8 3 3
21 22 23 24 25 26 27 28 29 30	3111323225	3111223225	31112233335	3 1 1 1 2 2 2 2 3 3 6	3 1 1 2 3 2 3 3 6	3311232336	3 3 1 1 2 2 2 4 3 5	3211223635	3 2 1 8 2 3 4 7 4	3 2 1 9 2 3 5 5 4 4	3 2 1 13 2 3 3 5 4	5 1 1 6 1 3 3 5 3	7 1 1 5 1 2 2 4 3 2	6 1 1 1 1 2 2 5 3 2	8 2 1 1 ••••• 2 2 4 3 2	3 1 1 2 3 3 2 2	31122334422	2 2 1 1 2 2 3 4 4 2	2 1 1 2 3 3 5 5 3	2 1 1 2 3 3 4 6 3	1 1 2 2 3 4 6 2	1 3 1 1 2 3 3 2 7 2	1 1 1 2 3 3 2 5 2	1 1 1 2 2 3 2 4 2	3 2 1 3 2 2 3 4 4
31	3	3	4	5	4	4	4	4	3	3	4	3	3	4	4	4	3	3	4	3	3	3	3	2	3
MEAN	4	4	4	4	5	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	4	3	3	4

PERCENTAGE OF DATA VALID - 90

						ONTAI	RIO	MINIS	STRY	OF T	HE E	NVIR	ONMEN.	T - AIR	M	ANAGEN	ENT	BRANC	ж						
	POL	LUTAN	T - S	ULPHU	R DIOX	IDE							U	NITS -	PAR	TS PER	HUND	REDMI	LLIO	N					
	STA	TION	- EVA	NS/AR	NOLD E	TOBIC	OKE C	DAMST	NO	3503	3		M	ONTH FEI	В	72									
HOUR	1				5	6	7	8	9	10	11	12			15		17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1	1	1	3 1	3 1	3 1	3	3	3	3	1	-	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		1	1	1	!	2	2	3	3	1	?
11 12 13 14 15 16 17 18 19 20													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	99999999										
21 22 23 24 25 26 27 28	3 6 2 3 7 2	7 6 3 3 3 4 3	8 5 3 4 3 4 3	10 5 3 5 3 4	5 4 3 4 3 4	7 5 4 4 3 2 3	11 6 7 3 3 2 2	11 6 5 3 3 2 2	6 7 9 3 3 2 2	3 6 7 3 5 2	2 5 7 3 5 2 2	2 4 9 3 5	DATA 3 1 3 7 3 5 2 3	MISSING 4 2 4 5 3 5 4 3	3 - 4 2 4 5 5 3 5 3	3 1 3 4 3 4 4 4	2 1 3 3 2 4 4 6	2 1 3 3 2 6 4 7	2 2 3 3 2 6 3 7	222335535	2 2 2 4 3 5 3 3	2 2 3 3 7 3 2	2 3 2 2 2 1 1 3 2	3 5 2 3 3 9 2 2	4 4 4 3 5 3 3

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033 MONTH MAR HOUR DAY 12344567890 112344567890 11234567890 212234567890 22222222220 24 MEAN DATA MISSING **** 1 1 0 0 0 0 0 DATA MISSING DATA MISSING 1 5 1 0 2 0 -DATA DATA DATA DATA DATA DATA MISSING MISSING MISSING MISSING MISSING MISSING 3 2 0 MEAN

PERCENTAGE OF DATA VALID -

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINIS	STRY	OF	THE I	ENVIR	ONMENT	Γ - A	IR M	ANAGE	MENT	BRANC	CH						
	POLL	UTANT	r - sı	JLPHUR	DIO	KIDE							U	NITS	PAR	TS PER	R HUNE	DREDMI	LLION	١					
	STAT	ION .	- EVAI	NS/ARN	OLD E	TOBI	COKE	OAMST	N	350	33		М	NTH A	APR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9		5 32 34 **** 1 4 3	54236*** 232	7 3 2 1 1 0 0 0 2 2 2 2	7321100222	7 3 2 3 0 0 0 1 2 1	63230*	3 4 0 0	5332000112	5 4 3 1 **** 0 0 0 1 4	5 3 2 1 0 **** 0 0 1 6	4 3 2 1 **** **** 1 1 5	5 3 2 1 **** 0 0 1 4	53 2 0 0 **** 1 1 1 2	5320	4 3 1 0 **** **** 1 1 1	4 3 2 0 0 **** 1 1 1	3 3 1 1 ***** 0 0 0	5 2 2 1 ***** 0 1 0 1	4 2 3 1 **** 0 1 1 1 1 0	4 2 2 0 **** ****	3 2 1 1 0 0 1 1 1	3 2 1 0 0 3 1 1	3 2 1 3 **** 1 1 1 1	5 3 2 1 **** 1 1 1 2
11 12 13 14 15 16 17 18 19 20	0	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	**** 0 1 **** 1 0 1 1 2 1	000000000000000000000000000000000000000	0 0 1 0 2 2 1	1 1 1 1 1 1 1 1 1 1	3 0 **** 0 1 1 2 5 1 1	1 3 0 0 1 **** 1 5 2	2 3 **** 0 1 0 1 6 2	2 1 **** 3 1 0 2 5 2	2 1 0 0 1 1 1 6 2 1	1 1 * * * * 0 0 0 1 4 1	2 1 1 0 0 1 0 4 2 1	1 0 0 0 0 0 1 3 1 1	1 0 0 0 1 0 3 1	1 1 **** 0 2 0 4 1	1 1 0 3 2 1	0 1 **** 0 1 1 1 2 1	0100011211	00000000001111	0 1 **** 0 3 1 0 1 1 3	0 0 0 7 1 1 3 1	0 0 0 7 **** 2 2 1	0 1 **** 0 2 0 1 3 1	1 1 **** *** 1 1 1 3 2 1
21 22 23 24 25 67 22 22 23 23 23 24 25 26 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	3012151113	2011142113	2012143212	2021132202	2011232212	201222213	3132131116	3022231226	1021113212	1 1 2 1 1 1 3 2 1 2	213113301	1 1 2 1 1 1 2 1 1	1 1 1 1 0 3 1	0 1 1 1 2 1 1 1 1 2	0011221233	0 1 1 2 1 3 2 1 1 5	1 1 2 1 2 2 1 1 3	1 1 2 1 1 1 1 5	1 0 1 1 1 1 0 1 4	1 0 1 1 2 1 1 1 1 3	1 0 1 1 1 3 4 1 1 4	1 1 2 1 4 3 3 2 1 3	0 1 1 2 6 1 2 1 2 3	1121511133	1 1 1 2 2 2 2 1 1 3
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	ä	1	1	14	4	4	4	4	4	2	2	4	2

UNITS - PARTS PER HUNDREDMILLION STATION - EVANS/ARNOLD ETOBICOKE CAMST MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING DATA MISSING 1 1 0 1 1 1 0 1 1 0 1415 1617 1819 20223 2425 228 229 30 14311322* 1 1 3 2 2 1 3 1 1 2 3 21422139+ 2 3 5 2 1 4 3 1 3 4 5 3 7 3 6 9 3 7 DATA MISSING DATA MISSING DATA MISSING DATA MISSING 2 2 1 0 - - 20 MEAN

PERCENTAGE OF DATA VALID -

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINI	STRY	OF T	HE	ENVIR	ONMEN	T - A	IR M	ANAGEM	ENT I	BRANC	н						
	POLL	JTANT	- SU	ILPHUR	DIO	(IDE							U	NITS	- PAR	TS PER	HUNDE	REDMI	LLION						
	STATI	ON -	EVAN	IS/ARN	OLD	TOBIC	OKE C	AMST	NO	3503	3		M	ONTH .	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	012200000	012201000	0 1 2 1 1 2 0 0	0221010000	1 1 0 0 1 0 0 0	0 1 2 1 0 0 1 0 0	0221101000	0 3 3 1 0 0 1 0 0	0 3 1 0 0 0 0	1 3 3 1 0 0 0 0	1 5 4 1 0 1 0 1 0 0	1 5 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 5 4 1 0 0 0	1 6 4 1 1 1 0 	26 4 1 2 0 1 0 0 1	1 5 4 1 1 0 2 0 0 0	1 5 3 1 0 0 1 0 0	1 4 3 1 0 1 0 0 0	1 4 3 1 0 0 0 0	1 3 3 1 0 1 0 0	1 3 2 1 0 1 0 0 0	1 3 2 1 0 1 0 0 0	1 3 2 1 0 0 0 0	2 2 2 1 0 0 0 0 0 1	1331010000
11 12 13 14 15 16 17 18 19	0020501222	00202	0 0 3 0 3 2 1 2 2	0 0 4 0 5 5 2 1 2 2 2	0033055	0 0 3 0 6 2 1 1 1	0 0 3 0 9 2 2 1	0 4 3 1 8 8	0 5 3 1 9	0 4 3 1 3 1 2 2	0 2 3 1 1 1 2 1	0 2 3 1 1 1 2	0 1 2 1 0	0 1 2 1 0 1 2 2 1	1 0 1 2 2 1	0 3 1 1 0 0 1 2 2	0 2 1 1 0 1 1 3 2	0211011320	0215013320	0 1 1 8 0 1 2 3 3	0214011230	0214012230	0214012230	0207013230	02222
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 0 0 1 0	0 0 0 0 1 0 1 1 0	0000010110	0 0 0 0 1 0 1 1 0	0000000010	000000011	000000011	0000000011	0 0 0 0 0 1 1	0000012111	0000012211	0 0 0 1 2 2 2 1	0 0 1 1 2 3 1	0 0 1 1 3 4 1	0 0 0 1 1 3 4 1	0 0 1 1 3 3 3	0 0 1 1 3 3 0 0	0 0 0 1 1 3 2 0 0 1	0001152002	0 0 0 1 1 3 3 0 0 3	0001122002	00001122002	0 0 0 1 1 1 1 0 0 1	00001111001	0 0 0 1 1 2 2 1 1 1 1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*	1	1		•			

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033 MONTH JUL 24 MEAN Ó Ó 0 0 **** .0 0 1 0 0 00* 1 0 1 1 1 2 0 2 ...0 0 0

PERCENTAGE OF DATA VALID - 91

MEAN

0 0

						ONTAR	RIO	MINIS	TRY	OF T	THE E	NVIRON	MENT	- AII	R MA	NAGEM	ENT E	BRANÇE	ŧ						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUND	REDMIL	LION						
	STATI	ON -	EVANS	/ARNO	LD ET	OBIC	OKE O	AMST	NO	3503	33		MON	TH A	UG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 3 1 1 1 1 3 1 2 2	2321113122	2 2 1 1 1 1 3 1 2 2	2211122132	2101122132	1 1 1 1 2 2 1 3 2	1101122122	1 1 0 1 1 2 2 1 2 2	1 1 0 1 1 1 1 2 1 2 2 * * * * *	1 2 1 1 2 2 2 2 * * * * * * * * * * * *	1 1 4 2 2 2 **** 2	1 1 1 3 2 1 3 2 2	2 1 1 3 2 2 3 3 3	2221322423	2 1 1 1 3 2 2 4 4 2 2	3 1 1 1 3 2 2 3 3 1	2 1 1 3 2 2 3 3 1	2112322321	5 1 1 2 3 2 2 2 2 1	5 1 1 2 2 2 1 2 1	7 1 1 2 2 2 1 3 2 1	8112221221	4 1 1 2 2 2 1 2 2 1	2 1 1 2 1 2 1 3 2 1	3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
11 12 13 14 15 16 17 18 19 20	1 3 1 1 1 1 1 1 1 1 1 1 1	1 3 1 1 1 1 1 2 1	1 3 1 1 1 1 1 2 1	1211111211	1 2 1 1 1 1 1 2 1 0	1 1 1 1 1 0	1 2 1 1 1 1 1 1 1 1	4 2 1 1 1 1 1 1 1	3 2 1 1 1 1 1 1 1 1 2	3 2 1 1 1 2 1 1 1 1 1 1	2 2 1 2 1 2 3 1	2 1 2 1 2 2 2 4 2	2 2 2 3 1 2 2 1 5 2	2222122231	2 3 2 2 1 2 2 1 4	2 1 2 1 1 3 1 2 1	2 2 1 1 1 1 2 1 2 1	2 1 1 1 1 2 1 2 2	2 1 1 1 2 1 2 2	2 2 1 1 1 2 1 1 1 1	2 1 1 1 1 2 1 2 1	2 1 1 1 0 1 2 1 1 1 1	3 1 2 1 0 1 2 1 1 1 1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 2 1 2
21 22 23 24 25 26 27 28 29 30	1 3 2 0 1 0 1 1 0	1 3 2 0 1 0 1 1 0 1	1 3 1 0 1 0 1 1 0 0	2310211100	1 3 1 0 1 1 1 0 0	2 3 1 0 1 1 1 1 0 0	3 3 1 0 1 1 1 1 0 1	3 3 1 0 1 1 1 0 1	7 5 1 0 1 1 1 0 1	11 5 1 **** 1 1 1 0	7 6 1 2 1 1 1 1	7 7 1 4 1 1 2 1	6 5 1 5 1 1 2 1 2	5 4 1 3 1 1 2 *** 2	5 3 1 4 1 1 2 **** 3	5 4 1 3 2 2 2 1 3 1	6 4 0 3 1 2 1 1 3	6 4 0 3 1 2 1 1 2	6 4 0 3 1 2 1 1	5 3 0 3 1 2 2 0 1 1	5 3 0 2 1 1 1 0 1	5 2 0 2 1 1 1 0 1	3 2 0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 2 0 1 1 0 1	4 4 1 2 1 1 1 1 1
31	1	0	0	0	1	1	3	3	2	2	2	3	3	3	3	3	3	3	3	3	2	2	1	1	2
MEAN	4	1	1	1	1	1	1	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - EVANS/ARNOLD ETOBICOKE DAMST MONTH SEP HOUR DAY 1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 4 15 6 17 18 9 20 21 22 3 24 5 26 7 28 9 30 18 19 24 MEAN DATA MISSING DATA MISSING DATA MISSING 1 3 3 3 1 1 1 3 1 1 1 2 1 1 0 0 1 1 0 0 1 1 0 0 1 1 2 3 1 1 1 0 1 1 1 0 0

PERCENTAGE OF DATA VALID - 60

MEAN

						UNIT	HIU	WINT:	SIRY	OF.	IME I	FMATH	ONMEN	1 - A	IH M	ANAGE	WENT	BHAN	ЭН						
	POLI	UTAN	r - sı	ULPHU	R DIO	KIDE							U	NITS	- PAR	TS PE	R HUNE	DREDM	ILLION	V					
	STAT	TION	- EVAI	NS/ARI	NOLD I	ETOBIO	COKE (DAMST	N	350	33		м	ONTH	ост	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3	0	0	0	0	0	0 1	0 2	4	5	10 1	****	3 4	0 3	1 2	2 2	0 2	0	0	0	1	1	2	!	0	1
4 5 6 7	0	0	0				0		::::	0	0	0	0	MISS 0 0 MISS	2	_	2	0	100	2	1 0	1 0	10	0	
10	0	0	0 2	0	0	0	0 5	0	0 2	8	0	0	0	0	0 2	0 0 1	0	0	0	0	0	0 0 1	0 0 1	0	0 2
11 12 13 14 15	0 11 1 0 9	1 0 1 0 9	13 10 10	1 13 10 9	1 12 1 0 8	3 0 1 7	5 10 1 1	7 9 •••• 1 1 9	3 9 1 1 9	2 10 2 2 8	3 9 2 2 8	3 8 2 2 7	5 8 1 2 8	5 6 1 3 11	5 5 1 4 9	6 4 5 1 4 7	9 3 2 0 4	9 3 1 0 6	11 2 1 0 8	11 1 0 8	11 0 1 0 8	11 0 1 0 9	11 0 1 0 8	11 1 0 8	6 7 1 3 8
17 18 19 20	2 5	2 5	2 5	2 8	2 8	3 6	3 6	3 8	4 7	5 5	**** 4 3	4	1 6	MISS: 5 1 12	ING - 3 2 5	9 2 5	3 3 4	3 3 5	3 4 7	3 5	3 3 4	3 3 4	3 4 3	3 4 4	3 6
21 22 23 24 25 26 27 28 29 30	5 1 1 0 1 1 4	4 3 1 1 0 2 1 4 1	4 3 1 0 2 1 3 1	6 4 1 0 0 1 1 3 1	8 4 2 0 0 1 4 3 0	7 3 1 1 2 5 1 1	5 3 1 1 3 6 1 1	5 3 1 1 4 3 1 1	531111111111111111111111111111111111111	5 4 1 1 3 4 1 0	4 1 1 1 2 6 2 0	4 3 1 1 4 14 1 0	3 2 0 1 2 3 11 1	2 1 2 1 1 2 14 1 1 0	1 1 3 1 2 8 2 1	1221116311	1 2 2 1 1 1 5 7 0 1	1 2 2 1 1 1 6 3 0 1	2230227211	1 1 3 0 2 6 7 2 1 2	2 1 2 0 1 2 6 1 1 2	3210135112	2211134213	211133212	32 1 1 1 26 2 1
31	2	3	4	3	5	6	5	3	3	3	2	1	1	1	2	3	2	1	1	0	0	1	1	1	2
MEAN	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	,	2	2	9	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN Ó 1 2 0 14 2 2 0 0 16 2 4 0 0 13 2 2 1 ò MEAN

PERCENTAGE OF DATA VALID - 96

						ONTAF	RIO I	WINIS'	TRY	OF TH	IE E	NVIRON	MENT	- AIF	R MA	NAGEM	ENT E	BRANCH	4						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	EVANS	/ARNO	LD ET	OBICO	KE O	AMST	NO	35033	3		MON	TH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	5134221324	4 1 2 4 2 2 1 2 2 4	32131224	3222221224	3122222334	4 1 2 2 2 2 2 3 4 3	3 1 4 2 3 1 1 4 2	3 2 1 4 3 3 1 1 4 2	3 1 4 2 2 1 2 4 3	0 4 1 3 2 2 1 3 4 2 2	0222320242	1 1 3 1 5 2 5 2 5 2	2 1 2 1 6 1 4 1 5 2	2 1 2 7 1 2 1 4 2	1 2 2 2 2 2 2 1 4 1	1 2 2 2 1 1 1 2 4 3	1 2 2 2 2 1 1 2 4 2	1 3 3 2 2 1 1 3 3 2 2	0332312232	1 1 3 1 3 1 4 2 3 2	1 1 3 3 3 2 5 1 2 2	1 2 4 3 3 1 5 2 3 3	1353215332	1 4 5 2 1 1 7 3 2 1	2223322233
11 12 13 14 15 16 17 18 19 20	2412312350	1522232350	1422223250	2622222240	2721122340	2822121330	1 1 1 2 2 3 1 1 3 3 0	122333114420	922221530	2622231540	5522132530	2 3 2 2 2 4 2 5 5 0	2 3 2 1 2 2 2 3 0 0	2 3 1 1 1 2 1 6 0	2 2 1 2 1 1 1 5 0 0	1 2 1 2 1 1 2 5 1 2	2222211514	2222223513	2222213501	2222322501	2212322601	2222232502	3213232601	5 2 3 1 3 2 5 0 1	2 4 2 2 2 2 4 2 1
21 22 23 24 25 26 27 28 29 30	1313551133	1 3 1 3 4 5 1 1 2 3	2323641123	2323431113	4000001000	4523211222	4 4 2 4 2 3 1 3 2 3	4323231323	4424231*33	2324231333	3322212522	4232116323	4232125122	4 3 2 4 1 2 4 1 2 3	3 3 1 3 1 2 3 1 2 3	3314223122	4424422123	4424322123	6324222122	5215222111	5 1 1 5 3 2 4 1 1 2	5115224222	5116323422	5125332322	432432223
31	2	2	2	1	1	1	1	2	1	1	1	2	3	3	2	3	2	2	2	1	1	1	2	3	2
MEAN	3	2	2	2	2	2	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	4	8	28
FEB	10	3	5	11
MAR	22	2	5	12
APR	30	2	5	7
MAY	25	2	5	12
JUN	30	vi .	3	9
JUL	31	1	2	6
AUG	31	2	4	11
SEP	21	*1	2	5
ост	28	2	8	14
NOV	30	2	5	16
DEC	31	2	4	12
YEAR	318	2	8	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - EVANS/ARNOLD ETOBICOKE DAMST NO 35033 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 ARITH MEAN MIN MAX 0.2 0.6

1.0

1.8

3.6

4.9

7.0

1.9

	POL	LUTAN'	T - SI	ULPHU	R DIO	KIDE							U	NITS -	PAR	TS PE	R HUNI	DREDM:	ILLIO	N					
	STA	TION	- ISL	INGTO	N/401	ЕТОВ	ICOKE		NO	350	36		М	ONTH JA	AN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	6 3 1 1 1 3 2 1 3 1	12 5 1 2 1 2 2 1 3 2	951 21 23 13 3	54221333333333	3 4 2 2 1 3 3 3 3 3 3	2522113433	2 4 3 2 1 1 2 4 2 3	2321122223	2 3 1 1 4 3 3 2 3	2 4 3 1 1 3 4 4 2 2	2431223612	2 2 3 1 * * * * * 2 2 3 1 1 2	2 1 1 2	2 2 1 1 2 1 2 1 5	2 2 1 1 2 1 2 1 4	2 2 2 1 1 2 1 4	2 2 3 1 1 1 1 2 1 7	2 1 1 1 2 1 2 1 7	1 1 1 1 2 2 1 2 1 8	1 1 2 1 2 2 1 3 1 7	1 1 2 1 3 1 1 3 1 5	1 1 2 1 3 2 1 2 1 5	2 1 2 1 3 2 0 2 1 5	2 1 1 3 2 1 3 1 3	3321122324
11 12 13 14 15 16 17 18 19 20	4 0 5 0 1 0 2 2	4 1 5 0 1 0 1 2	4 1 5 0 1 0 1 3	4 1 5 0 1 0 2 2	2 2 4 1 1 1 2 2	2 2 2 2 2 1 1	2 2 3 1 7 1 2	2 2 1 2 1 9 1 3	2 2 2 1 1 9 1 2	2 2 3 **** 1 7 1	2 2 3 **** 2 4 1 ****			1 1 1 1 1 3 ***************************		1 3 1 2 0 1 3	1 **** 0 1 0 1 2	2 **** 0 1 0 1 1	0 1 1 1 1 1 1 1 1	1 **** 0 2 **** 1 1 ****	2 0 2 1 1	2 **** 0 2 1 1 1	2 4 0 2 1 2 2 2	1 6 0 1 1 1 2	2 2 2 1 1 2 2 ****
21 22 23 24 25 26 27 28 29 30	2	2	**** **** ****	**** 1 2 ****	**** 1 1 *** *** ***	**** **** 1 ****	**** 1 2 ****	**** 1 2 ****	**** 2 3 1 ****	**** 1 4 2 ***	**** **** 1 3 1 ****	- - - * * * * 1 3	DATA DATA DATA **** 2 1 3 2	MISSIN MISSIN MISSIN MISSIN 1 1 3 1	IG -	1 1 1 2 1	1 1 1 2 1 ****	1 1 1 3 2	0 2 1 2 3	0 2 2 3 ****	2 1 1 2 3 1	2 2 2 2 2 3	_	**** 1 1 2 ****	**** 1 2 ****
31												140	DATA	MISSIN	IG -										
MEAN	2	2	2	2	2	2	9	2	2	3	2	2	2	2	2	2	2	2		2	0	2	2	0	- 2

PERCENTAGE OF DATA VALID - 65

PERCENTAGE OF DATA VALID - 40

						ONT	ARIO	MINIS	TRY	OF 1	THE E	NVIR	ONMEN	T - AI	R MA	ANAGE	MENT	BRANG	СН						
	POL	LUTAN	T - SI	ULPHU	R DIO	KIDE							U	NITS -	PAR	TS PER	R HUNI	DREDM	ILLION	V					
	STA	TION	- ISL	INGTO	N/401	ETOB	ICOKE		NO	3500	36		М	ONTH F	EB	72									
HOUR DAY 1	1		3	4	5	6	7	8	9	10	11	12	13		15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8	***	****	* * * *	****	2 4 4 0	0684	****		****	***		-	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	0		0	0			•	0		***
9 10	0	0	0	0	1 2	1	1 2	1 3	2	2	2	****	3	3	3	4	6	5	3	2	2	1	3	3	2
11 12 13 14 15 16 17 18 19 20	****	****	****	* * * * 0	0 0	0 0	****	0 0	0 0	****	0 0	-	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI ****	NG - NG - NG - NG -	0 0 0	2 4 1	2 7 1	1 4 0	0 1 0	0 0	0 0	1 0 0	2 0 0	****
21 22 23 24 25 26 27 28 29	0 0 0 1 0 0 0 1 1 0 0 0 1 1 1 1 1 3	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0110000	30200	4 1 3 0 0 0 **** 2 0 1	1 3 1 0 **** 4 1	0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 ****	20200	4 2 2 0 0 0 **** 2 0 0	3 10 0 1 0 **** 2 0	3 13 0 1 0 0 ****	2 10 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 4 1 1 0 **** 6 0	2 2 1 1 0 ••** 4 1 ••*	1 2 1 0 **** **** 4 2	0 1 2 1 **** **** 5 2 ****	0 2 3 1 **** **** 4 2	0 2 2 1 **** 3 2	00011	0 0 1 1 **** **** 2 3 ****	0001100	00020	0 0 2 0 0 1 1 1 3 3 ****	1 2 1 1 ****
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1

188

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - ISLINGTON/401 ETOBICOKE NO 35036 MONTH MAR 24 MEAN DATA MISSING DATA MISSING 0 1 2 1 2 2 1 1 2 2 1 1 DATA MISSING 2 2 2 3 3 2 2 1 2 7 1 1 1 7 1 2 **** 2 **** DATA MISSING 1 0 1 0 1 1 ó ò MEAN

PERCENTAGE OF DATA VALID -

		ONTARIO MINISTRY OF THE ENVIRONME POLLUTANT - SULPHUR DIOXIDE														ANAGEN	ENT	BRANC	ж						
	POLLI	JTANT	- St	JLPHU	R DIO	XIDE							U	NITS	- PAR	TS PEF	HUNC	REDMI	LLION	1					
	STAT	ION -	ISL	INGTO	N/401	ETOB	ICOKE		N	350	36		M	ONTH	APR	72									
HOUR DAY	4	2	3	4	5	6		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 0 0 3 1 1 1 0 1	3 1 0 4 1 1 0 0 3	2 1 0 3 1 1 0 0 1	1 1 0 1 0 1	1 1 0 0 1 0 1	000000000000000000000000000000000000000	0	3 0 0 1 0 0 0 0	20001	2 1 0 1 0 0 1	2 1 0 0 0 0 0 0	2100000000001	2000000003	000000000	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6000000103	000000000000000000000000000000000000000	2 0 0 1 1 0 0 1 3	1 0 0 0 1 1 3	1 0 0 0 1 1 1 0 0 0 3	1 0 1 1 1 0 0 0 1 3	1 0 2 0 1 2 0 0 1 3	1 0 2 0 1 3 0 0 0 4	1 0 2 0 1 3 0 0 0	2 0 0 1 1 1 0 0 0 0 2
11 12 13 14 15 16 17 18 19	3 0 1 0 1 1 1 1 1 0 0 0	1 1 2 0 1 1 1 1 0 0	3 1 0 1 0 1 2 0 0	4 1 1 0 1 0 1 2 0 0	2 1 1 0 0 0 1 3 0 0	210000000000000000000000000000000000000		2 1 0 0 0 2 1 3 0	2 1 0 0 1 2 1 4	2 2 0 1 0 1 1 4 0	2 3 0 1 0 1 2 7	2 3 1 1 0 1 2 7 1 0	2 4 1 1 0 0 2 7 2	3 1 2 0 0 2 6 1	1 3 1 2 0 0 3	1 3 1 3 0 0 1 2 0	1 2 1 4 0 0 0 1 1 0 0 0	1 3 1 3 0 0 1 1 0	1 2 1 2 0 0 0 0 0 0 0 0	0 3 0 2 0 0 1 0	02000000	0 3 0 2 0 0 0	0 3 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 0 3 0 1 1 1 0 0	1 2 1 1 0 0 1 3 0 0
21 22 23 24	0	0	0	****		****	****	****	****	****	****	*	DATA DATA DATA	MISS	ING - ING -	****	****		••••	****	****	••••	••••	••••	••••
25 26 27 28 29 30	3 1 1 1 2	3 1 1 1 2	3 1 1 1 2	2 1 1 1 2	2 1 1 1 2	1 0 1 1 2	1 1 1 2	1 1 2 1 2	0 0 1 1 3	0 1 1 1 3	0 1 1 2 3	0 1 1 1 2	**** 0 1 3 2 2	0 4 1 2 2	2 9 1 2 2	0 2 15 1 2 5	0 2 12 1 2 4	0 1 6 1 2 4	1 1 2 1 2 3	1 1 2 1 2 4	1 1 2 1 1 4	2 1 1 1 2 4	3 1 1 1 2 7	3 1 1 2 7	1 3 1 2 3
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - ISLINGTON/401 ETOBICOKE NO 35036 7 7 7 10 2 2 10 3 2 692* DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 1 2 18 6 DATA MISSING MISSING MISSING MISSING DATA DATA n Ô MEAN

PERCENTAGE OF DATA VALID - 34

						ONT	ARIO	MINIS	TRY	OF T	THE E	ENVIR	ONMEN	r - A:	IR M	ANAGE	MENT	BRANC	Н						
	POLLUT	TANT	- SU	LPHUF	DIO:	XIDE							U	NITS	- PAR	TS PER	R HUNE	REDMI	LLIO	N					
	STATIO	ON -	ISLI	NGTON	1/401	ETOB	ICOKE		N	3503	36		M	HTMC	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	1 2 1	1 2 1 4	1 2 1	1 2 1	2 2	2 2 1	2 2 1	3 2 0 ****	4 2 0	4 2 1 ****	3 3 1	3 1 * * * *	3 2 1	3 2 2 ****	4 2 3 ****	3 2 2 * * * *	3 2 2 * * * *	3 2 2 * * * *	3 2 2 2 * * * *	3 2 1 ****	2 2 1 ****	2 1 1	2 1 1 ****	2 1 1 ****	3 2 1 ****
5 6 7 8 9	-	7										- 4		MISS: MISS: MISS: MISS:	ING - ING - ING - ING -										
11 12 13 14 15 16 17 18 19												8 8 8 8 8 8	DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -										
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -										
MEAN	2	2	2	7	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - ISLINGTON/401 ETOBICOKE NO 35036 MONTH DEC HOUR DAY 1 2 3 4 5 6 7 8 9 18 19 20 24 MEAN DATA MISSING DATA DATA DATA DATA 0 1 0 2 1 12 13 14 15 16 17 18 19 20 0 1 0 2 1 1 2 0 1 1 0 1 1 22 23 24 22 25 27 28 29 30 DATA MISSING 0 0 1

PERCENTAGE OF DATA VALID -

MEAN

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ISLINGTON/401 ETOBICOKE NO 35036

	DMILLION
MONTH DAYS OF VALID DATA AVERAGE CONC. 24-HOUR MAXIMUM MAXIMUM READIN	NG

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	2.4	2	4	12
FEB	16	1	3	13
MAR	21	1	3	8
APR	27	1	3	15
MAY	14	3	6	29
JUN	4	2	3	4
JUL		DATA MIS	SING	
AUG		DATA MIS	SING	
SEP		DATA MIS	SING	
OCT		DATA MIS	SING	
NOV		DATA MIS	SING	
DEC	16	1	2	3
YEAR	122	1	6	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT	- SULPHUR DIC	XIDE			UNIT	- PARTS PER	HUNDREDMILLION
STATION -	ISLINGTON/401	ETOBICOKE		NO 35036			
	00 TO 04 05	TO 10 11	TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN	464	24	1	0	0	0	489
FEB	269	9	1	0	0	0	279
MAR	427	12	0	0	o	0	439
APR	588	13	1	1	0	O	603
MAY	225	26	4	4	1	0	260
JUN	75	0	0	0	0	0	75
JUL	DAT	A MISSING					
AUG	DAT	A MISSING					
SEP	DAT	A MISSING					
OCT	DAT	A MISSING					
NOV	DAT	A MISSING					
DEC	348	0	0	0	0	0	348
YEAR	2396	8.4	7	5	1	0	2493

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA					CONCENT		PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
48	0	0.2	0.5	0.8	1.3	2.7	3.7	6.1	8.0	29	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 34, LAKEVIEW GS PEEL CO NO 46244 MONTH JAN HOUR 1234567890 11234567890 1 11234567890 1 1234567890 24 MEAN 4 4 3 3 2 2 . 3 5 3 4

PERCENTAGE OF DATA VALID - 98

3 3

2 3

3 3

3 3

3 3

2 2

MEAN

						ONTA	RIO M	INIST	TRY (OF TI	HE E	NVIRO	NMENT	- AIF	AM F	NAGEM	ENT	BRANCE	н						
	POLLUTA	NT	- SUL	PHUR	DIOXI	DE							UN:	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATION		W 34,	LAKE	VIEW	GS PI	EL CO		NO	4624	4			NTH FE		72									
HOUR DAY	4	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	ÆAN.
1 2 3 4 5 6 7 8 9 10	3 5 4 5 3 4 4 3 3 4	3 5 4 4 3 3 4 4	3 4 3 3 4 4	4 5 4 3 4 4 4 4	4 5 4 3 4 6 3 4	4 4 4 3 3 4 4 4	4543345334	4 4 3 3 4 5 3 3 3	4 4 4 3 3 3 3 6 3 3 4	45433443334	464333443334	11 5 3 3 4 3 3 4 3	14433343343	38433344	4 4 4 3 3 5 5 3 3 3 4	4 4 5 3 3 4 4 3 3 4	34433333344	4 5 4 3 3 3 3 3 3 3 4	4 5 4 3 3 3 3 3 3 4 4	4 5 4 3 3 4 3 4 4	4 3 4 4 4 4	5 4 3 4 4 4 4 4	5 4 3 4 4 3 3 3	5 3 4 4 3 3 4 4	4 6 4 3 3 4 4 4
11 12 13 14 15 16 17 18 19	4 5 6 4 7 4 4 5 4 3	4 5 6 5 8 3 4 5 4 5 4 3	3585835543	3 5 8 5 8 3 6 5 4 3	3 6 8 6 7 3 6 5 4 3	4 6 8 5 7 5 6 5 4 3	4 8 8 5 6 6 5 5 4 3	4885654543	5 10 8 4 5 5 4 5 4 5 4 3	5 11 7 4 4 5 4 4 3	12 7 4 4 5 4 5 4 3	5 12 7 4 5 5 5 5 4 3	5 12 6 4 4 5 4 4 4 3	5 12 5 4 4 4 4 4 4 4 3	7 12 5 4 4 4 4 4 4 3	9 13 4 4 4 5 4	7 13 4 4 3 5 5 4 5 5	62554664444	5944465454	5844455453	5 8 4 5 4 5 4 3 3	5645345533	6546455533	5647445533	5965555543
21 22 23 24 25 26 27 28 29	3 4 5 4 5 4 5 6	3 4 4 5 5 5 5 5 5	4 4 5 5 4 5 5 6 5	545546455	544545455	4 4 5 4 5 5 5 5 6	4555545456	4 6 5 5 4 5 4 5 4 5	6 7 6 5 5 5 5 5	6 5 5 6 5 4 6 5 5 5	535645655	554565655	5 5 4 5 8 5 6 4 5	5 5 4 5 9 5 6 5 5 5	554585765	4 4 4 5 7 5 6 6 7	4 4 4 5 6 5 6 6 8	4 4 4 5 7 6 8 6 9	4 4 4 5 6 5 8 5 8	4 4 4 4 6 5 9 6 8	4 4 4 4 6 5 8 6 6	4 4 4 6 5 7 6 5	445454765	4 4 5 4 5 4 7 5 5	444555656
MEAN	4 4	1	4	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 34, LAKEVIEW GS PEEL CO NO 46244 MONTH MAR HOUR DAY 1234567890 10112345171890 24 MEAN 1.1 22 23 24 24 25 26 27 28 29 30 5 4 4 3 3 3 3 3 5 3 8 3 1 8 3 3 MEAN d d d

PERCENTAGE OF DATA VALID - 100

						ONTAR	RIO M	INIST	TRY (F T	HE E	NVIRO	MENT	- AIF	R MA	NAGEMI	ENT E	BRANCE	4						
	POLLU	TANT	- SUI	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	W 34	LAKE	EVIEW	GS PE	EEL CO		NO	4624	4		MON	TH AF	PR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9 10	4 3 2 4 3 3 4 4 4	4334333344	44343333334	4334333334	40000000004	40000000004	4334333334	5004000004	8334333334	10333333334	1633333233337	••••••••	63333333039	43333333338	43333333355	4343333336	53333343336	333333335	4 3 3 3 3 3 3 3 6	333333335	333333334	3 3 4 3 3 3 3 3 3 4	3 3 3 3 4 3 3 3 4	3333353334	5000000000
11 12 13 14 15 16 17 18	4 4 3 6 4 4 4 4	4 3 3 3 7 3 3 3 4 4	4 3 3 2 5 4 4 3 4 4	43435443343	4 3 3 3 4 4 4 4 3 4 3	4 3 4 3 4 4 3 4 4 4	4 3 4 3 4 4 4 4 4 3	4343444543	4 4 3 3 4 4 4 9 4 3	5 4 3 10 4 4 4 7 4 3	5 4 3 11 4 4 4 4 3	4 5 4 8 4 4 4 5 4 3	4 5 4 4 4 4 6 4 3	5544544743	5 4 4 5 4 4 6 6 6 3	4 5 3 4 4 5 4 5 4 5 4 3	4 5 3 4 4 4 4 4 4 3	4 4 3 4 4 3 4 4 4 3	4 5 3 3 4 4 4 4 4 4 3	4 4 3 4 4 4 4 4 3	4 5 3 4 4 4 4 4 3 3	4 4 3 4 4 4 4 4 3	4 6 3 4 4 4 4 4 3 3	3 6 3 4 4 4 4 4 3 3	4434444543
21 223 24 226 228 228 228 228 228 228 228 228 228	3 8 3 3 4 3 3 4 4	4633333344	3 11 3 3 3 3 3 3 3 4	3 19 3 3 3 3 3 4 4	3 11 3 3 3 3 3 4 4	3833333344	30000000004	46333333345	13 8 4 3 3 3 3 3 8 6	4233333333	3 7 3 4 3 6 3 5 5	3433336356	3 4 3 3 3 3 3 4 5 1 3	3 8 3 3 3 4 4 6 13	36333344443	3 3 3 3 4 4 4 7	4 4 3 4 3 4 4 4 4 6	44333344446	3 3 3 3 3 4 4 4 6	3 3 3 3 3 3 4 4 7	3333333446	43333334455	4 4 3 3 3 3 3 4 4 5	9333433445	47333334456
MEAN	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4

									1007	•					11 1000	MAGEN		DITAITO	7.						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN	ITS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	W 34,	LAKE	VIEW	GS PE	EL CO		NO	4624	4		MO	NTH M	AY	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2	5 4	5	5	5	5	4	5	6	8	10	9	7	10	7 6	7 5	6	6	6	6	6	6	5	5	4	6
4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	4	4	4	4	4	4	4	5	5	5	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4
8	3	4	3	3	3	4	4	4	4	4	4	12	12	9	4	4	4	7	6	5	5	5	4	4	5
10	4	4	4	4	5	5	5	5	4	4	5	4	4	4	4	4	5	5	4	5	5	5	5	5	5
11	5 5	5	4 5	4 5	5	5	5	6	5	5	5	5	5	5	5	6	5	5	5	5	5	5	6	6	5
13	4	4	6	4 5	4 5	4 5	5	5	6	4	5	4	5	4	5	4 5	4	4	4	4	4	4	4	5	4
15 16	4	4 5	4	4	4	4	4	4	4	4	6	6	6	4	5	5	5	4	4	4	4	4	4	4	4
17 18	4	4	4	4	4	4	4	4	9	6	11	5	8 16	6	8	9	8	5	5	5	5	4	4	4	5
19 20	3	4	3	4	3	4	5	7	23	3	3	6	4	4	4	4	5	4 3	4	4	4	3	3	3	5
21	3	3	3	3	3	3	3	3	3	3	4	5	5	7	5	5	5	5	4	4	3	3	3	3	4
21 22 23	3	3	3	3	3	3	3	3	4	4	9	5	3	3 5	11	4	5	4 3	3 5	4	3	3	3	3	3
24 25 26 27 28 29 30	3	3	3	3	3	2	3	2	3	5	7	8	3	3	4	3	3 6	3 8	3 4	3 3	3	3	3 2	3 6	3
27	3 2 3	2	2	0	0	2	3	3	3	11	13	8	5	5	6	4	3 4	3	3 4	3 9	3 4	3	3 3	3	3
29	2	2	3	2 2 3	3	3	3	4	6	10	13	15	15	13 17	18 17 5	14 10 5	11	7	6	5 5	4	3	3 3	3	6 7
31	3	3	3	3	3	3	4	4	4	3	4	4	4	5	5	5	4	4	4	4	4	4	3	3	4
MEAN	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3
							A	4		-		-	6	C		-		-		-					

PERCENTAGE OF DATA VALID - 99

						ONTAR	RIO M	INIS	TRY (OF TI	HE E	NVIRO	MENT	- AIF	R MA	NAGEM	ENT I	BRANCE	4						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN1	ITS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	W 34,	LAKE	VIEW	GS PE	EL CO		NO	4624	4		MON	NTH JU	JN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
2 3 4 5 6 7 8 9	3 4 0 0 0 0 1 1 1	3 4 0 0 0 0 1 1 1 2	4 4 0 0 0 0 0 1 1 1 1 1 1	30000121	4 3 0 0 0 1 2 1	4 3 0 0 0 1 2 1	0 0 0 0 2 2 1 1	4 2 0 0 0 1 2 1 1	1002211	3 5 0 21 0 2 1	4 3 8 0 2 1 2 1	105012	4 6 10 0 1 1 2 2 1	11 6 0 6 2 2 2 1	1 0 9 2 2 3 1 1	4 1 0 0 15 1 1 2	4 1 0 0 33 1 1 2 1	4 1 0 8 1 1 2	4 1 0 0 3 1 2 1	4 3 0 0 1 2 1 2 1 1	4 1 0 0 0 2 1 1 1	4 1 0 0 0 2 1 2 1	4 0 0 0 1 1 2 1 2	4 0 0 0 1 1 2 1	4 3 2 0 4 1 1 2 1
11 12 13 14 15 16 17 18 19 20	1 1 4 3 4 2 2 3 3 4	1 1 4 3 4 2 3 3 3 3 3 3	1 1 3 3 4 2 3 3 3 3	1 1 3 3 4 2 3 3 3 3 3 3	1 1 3 3 4 2 3 3 3 3 3 3	1 2 3 3 4 2 3 3 3 3	1 2 4 4 4 2 3 3 3 3 3 3	1 3 4 4 4 3 3 3 3 4 4	1 4 4 6 4 3 3 3 3 4 5	1 3 4 7 4 3 3 3 10	1 3 4 8 3 3 3 7 4	1 3 4 6 3 3 3 3 4 4	1 4 3 5 5 3 3 3 3 4 4	1 4 4 5 3 3 4 3 4	1 4 4 7 3 3 6 3 4	1 3 4 5 3 3 5 3 4 4	1 3 4 4 3 2 9 3 4 4	1 4 4 4 3 3 3 6 3 4 4	1 4 4 3 3 5 3 4 3	1 3 3 4 3 3 3 3 4 3	1 4 3 4 3 3 3 3 4 3	1 4 3 3 2 3 3 3 3 4 4	1 4 3 4 2 2 3 3 3 3 3 3	1 4 3 4 2 2 3 3 3 3 3	1 3 4 4 3 3 4 3 4
21 22 23 24 25 26 27 28 29	3 2 3 1 2 2 2 2 3 2	3 2 1 2 2 2 2 3 2	3 2 1 2 2 2 2 3 2	3 3 3 1 1 2 2 2 3 2	3 2 3 1 1 2 2 2 3 2	3331222232	3232222222	3232223432	3232225532	3322233722	3222254322	3 3 2 2 2 2 2 1 0 7 8 2 2	3 3 2 2 2 1 7 6 4 3 3	3322349333	3 1 2 2 4 4 2 2 4	33222335223	3322293233	3 3 1 10 2 6 3 2 3 3	3 1 3 3 4 3 3 2 3	3 1 3 2 3 2 2 2 2 3	3213223222	321222222222222222222222222222222222222	3212222322	3 1 2 2 2 2 3 2 2	3322243332
MEAN	2	2	2	2	2	2	2	2	3	4	3	2		4	2	2		2	2	2	•	•			~

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - W 34, LAKEVIEW GS PEEL CO NO 46244 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 1 1 3 4 3 4 3 2 1 2 2 1 1 6 2 3 10 2 13 5 2 165 2 3 2 7 4 3 3 3 4 3 2 2 2 1 5 4 3 4 3 4 5 5 2 6 1 9 4 5 4 ò MEAN

PERCENTAGE OF DATA VALID - 99

						ONTAR	IO M	INISTR	Y OF	THE	E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANCH	4						
	POLL	UTANT	- SI	JLPHUF	DIOX	IDE							UN	ITS -	PART	S PER	HUNDI	REDMI	LLION	Î					
	STAT	ION -	W 34	4, LAK	EVIEW	GS PE	EL CO		NO 4	6244			MO	NTH A	UG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
123456789	1 1 0 0 1 1 ****	1 1 0 0 1 1 1 *** **	1 1 0 0 0 0 1 ***	1 1 1 0 0 0 0 1 ****	2 1 1 0 0 0 0 1 ***	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1110001**	1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 0 1 1 ** **	1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1113311	1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 3 2 2 1	3 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 2 1 1 1 2	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 0 0 1 1 1 1 1 1 1	1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10	1	1	1	1	1	0	1	1	1	1	1	i	1	1	1	ł	1	1	i	1	1	1	1	1	i
11 12 13 14 15 16 17 18 19 20	11111222	1 1 2 1 1 1 2 2 2	1 1 1 1 1 2 2 2 2	1 1 1 1 1 2 2 2 2	1 1 2 1 1 2 1 2	1 1 2 0 1 1 2 1 1	1 1 2 1 1 2 1 1	1 1 1 2 1 1 1 2 2	1 1 2 1 1 1 2 2 3	1 1 2 1 2 1 2 2 4	2 1 2 2 1 2 4 2 3 3	3 1 2 3 1 2 7 2 4 4	2 1 2 3 1 2 8 2 8 4	1 1 1 2 3 2 5 2 4 3	1 1 2 1 2 2 2 4 2	1 1 2 1 1 2 2 2 5 2	1 1 1 2 1 1 2 2 5	1 1 2 1 1 1 2 2 6 2	1 1 1 1 2 2 3 3	1 1 2 1 1 1 2 2 3 3	1 1 1 1 1 1 1 2 2 2 2	1 1 1 1 1 1 1 2 2	1 1 1 1 1 2 2 2	1 1 1 1 1 2 2 2	1 1 1 2 1 1 4 2 3 2
21 22 23 24 25 26 27 28 29	22212111111	2221111111	1 2 2 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 1 1 0 1	1 2 1 1 1 1 1 1 0 1	1 2 1 1 1 1 1 0	3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 3 2 2 1 1 2 1 1 2	3 2 2 2 1 1 1 1	4 2 2 1 11 2 1 7	4 2 2 5 1 2 1 1 1 5	4 2 2 6 2 2 2 2 1 2 6	5226231121	4 2 3 6 1 3 2 2 1 11	3 2 3 2 4 1 1 5 6	3 2 2 2 2 2 1 1 3 2	3 2 2 2 1 1 1 1 2 2	3 2 1 2 2 3 1 1 1 3	3 2 1 2 2 2 1 1 1	3 2 1 2 1 2 1 1 1 1	3 2 1 1 1 2 1 1 2 2 2	3 2 1 2 1 1 1 1 2 2	3 2 1 2 1 1 1 1 1 2	3 2 2 2 1 2 1 1 1 1 3
31	2	1	Ŧ	1	1	1	1	2	3	3	7	8	8	4	4	3	3	3	2	2	2	2	1	1	3
MEAN	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2	2	2	2	2	1	1	7	1	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 34, LAKEVIEW GS PEEL CO NO 46244 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 3 4 2 1 20 1 1 0 1 1 1 1 0 1 2 2 3 1922 0000 2 1 2 1 MEAN

PERCENTAGE OF DATA VALID - 98

						ONTARI	0 M	INISTRY	OF	THE	E	NVIRON	MENT	- AIR	MA	NAGEME	ENT E	BRANCH	l .						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS - F	ART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	W 34,	LAKE	VIEW	GS PEE	L CO		10 4	6244			MON	тн ост		72									
HOUR	1	2	3	4	5	6	7	8 9		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 1 1 0 0	0 0 1 1 1 1 1 1 0	0 1 1 1 1 1 1 0	0 0 1 1 1 1 1 0	0 0 0 1 1 0 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1		0 0 1 2 2 1 0 1 1 3	0 1 1 2 2 1 1 1 1	002223111001	0 0 2 2 2 1 1 1 0 1	0 3 2 2 1 1 1 0	0 0 3 2 3 1 1 1 0	0 1 2 2 3 1 1 1 0	0 1 1 1 2 1 1 1 0 0	0 1 1 1 2 1 1 3 0	0 0 1 1 2 1 1 2 0	0 0 1 1 2 1 0 1 0	0011110101	0 0 1 1 2 1 1 0 0	0 0 1 2 1 1 1 0 1	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 2 1 1 1 0
11 12 13 14 15 16 17 18	1 3 0 1 0 1 1 0 0	1 3 0 1 1 1 0 0 0 0	1 3 0 1 1 1 1 0 0	1 3 0 1 1 1 1 0 0	0301011000	1 3 0 1 1 1 1 0 0	1 3 0 1 0 1 1 0 0 0	1 2 3 3 3 3 0 1 1 2 2 2 1 1 1 1 1 1 1 1 0 0 0 0 0 0		2 3 1 2 1 1 0 0 0 0	2 3 1 2 1 1 1 0 0	2 1 3 2 1 1 1 0 0 0 0	2121000	3 1 1 1 1 1 0 0	3 0 1 1 1 0 0 0 0	3011110000	2011110000	2011110000	4 0 1 1 1 1 0 0 0 0 0	4011110000	40111100000	3 0 1 1 1 1 0 0 0	4 0 1 1 1 1 0 0 0 1	4 0 1 1 1 1 0 0 0 1	2 2 1 1 1 1 0 0 0
21 223 24 25 26 27 28 29 30	1 0 0 0 1 1 1 3 2 2 2	10000112322	1 0 0 0 1 1 2 3 2 1	1 0 0 0 1 2 2 3 2	2000112321	2 0 0 0 1 1 1 2 2	1 0 0 0 1 1 1 2 2 1	1 3 0 0 0 0 0 0 1 1 1 2 1 3 2 2 2 2 1 1		2000124222	1000326222	1000326222	000000000000000000000000000000000000000	0 0 0 1 1 3 10 2 2	0 0 0 1 1 3 7 3 2 2	1 0 0 1 1 2 5 3 2 1	0 1 0 1 1 2 5 3 2	0 0 1 1 2 5 2 1	0 0 1 1 2 5 2 1	0 0 0 1 1 2 4 2 2	0 0 0 1 1 2 6 2 2	0 0 0 1 1 2 10 2 2 1	0 0 0 1 1 2 4 2 2 2	0 0 0 1 1 2 3 2 2 1	1 0 0 0 1 2 4 2 2 1
31	1	1	1	1	1	2	2	2 3		2	2	2	-1	1	1	1	1	1	1	1	3	3	1	1	2
MEAN	1	1	1	1	1	1	1	1 1		1	1	1	4	4	1		4					270			

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 34, LAKEVIEW GS PEEL CO NO 46244 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 1 2 1 2 1 2 1 2 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 NENNNNNNNN MEAN

PERCENTAGE OF DATA VALID - 100

						ONTA	RIO	MINIST	RY (OF TH	E E	NVIRON	MENT	- AIF	R MA	NAGEM	ENT E	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOX	DE							UNI	TS -	PART	S PER	HUNDE	REDMI	LION						
	STATI	ON -	W 34,	LAKE	VIEW	GS P	EEL C	00	NO	46244			MON	ITH DE	С	72									
HOUR DAY	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	4 1 1 3 1 2 1 3 2 3	4 1 1 2 0 2 1 3 2 2	4 2 1 2 0 2 1 3 2 3	3311021322	4311020222	4311020222	4311020222	4 3 1 1 0 2 0 3 3 3 2	4312020232	4 2 1 1 0 2 1 2 3 2	3 1 1 1 0 2 1 2 3 2	3 1 1 1 2 1 2 3 2	3 1 1 0 1 2 1 2 3 2	3 1 1 0 1 2 1 2 3 2	3 1 1 0 2 2 1 2 3 2	3 1 0 2 1 1 2 3 3	3 1 1 0 2 1 1 2 3 2	3 1 1 0 2 1 1 2 2 2	3 2 2 0 3 1 1 2 2 2 2	2220311222	2320311222	2420311233	2421311222	1 3 1 2 1 1 2 2 2	3 2 1 1 2 1 2 2 2 2
11 12 13 14 15 16 17 18 19 20	1 2 1 1 2 3 2	1 2 1 1 2 1 1 2 3 2	1 2 1 1 2 1 1 3 2	1 2 2 1 3 1 1 2 3 2	1221622232	1221711322	1222321231	1221211322	2 2 2 2 1 1 3 3 2	2222221341	3122331333	3222241322	2 * 2 2 2 4 1 3 2 2	* * * * 2 2 3 2 3 1 3 2 2 2	1 2 2 2 1 3 2 2	2 3 2 2 2 2 1 3 3	2422121322	2 4 1 2 1 2 1 3 2 2 2	2322211423	2222211324	2112221336	2112122336	2112132326	2112122325	222221333
21 22 23 24 25 26 27 28 29 30	6 1 2 3 3 2 2 2 2 1	3 1 2 3 2 2 2 1 2 1	2 1 2 2 2 3 2 1 2 1	2122332121	1 1 2 2 2 3 2 1 1 2	2222322111	2223222121	2133222121	2223322221	2233332132	2133231231	2233331331	22332231132	3233231132	2233231152	2223331161	2223221151	2223231142	2123221122	2124221112	3124332112	2223322122	2323432232	232333222	2223332132
31	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

UNITS - PARTS PER HUNDREDMILLION

STATION - W 34, LAKEVIEW GS PEEL CO NO 46244

POLLUTANT - SULPHUR DIOXIDE

DAYS OF VALID DATA AVERAGE CONC. 24-HOUR MAXIMUM MAXIMUM READING MONTH

			- · · · · · · · · · · · · · · · · · · ·	MANAZINOM TIERDING
JAN	31	3	4	9
FEB	29	5	9	14
MAR	31	4	6	23
APR	30	4	7	19
MAY	31	4	7	23
JUN	30	3	4	33
JUL	31	2	4	19
AUG	31	2	4	28
SEP	30	1	3	20
OCT	31	1	4	10
NOV	30	2	4	10
DEC	31	2	3	7
YEAR	366	3	9	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - W 34, LAKEVIEW GS PEEL CO NO 46244 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 0 0.3 1.0 PERCENT OF DATA VALID MIN 0.3 1.0 2.1 3.0 4.2 5.0 7.0 9.0 2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						UNIAH	IU M.	TMT21	HY I	OF I	HE E	MATHO	MEN	- AIF	MAI	NAGEM	ENI I	BHANCE	1						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN	TS -	PART	S PER	HUNDI	REDMI	LLION						
	STATI	ON -	W 42,	LAKE	VIEW	GS PE	EL CO		NO	4625	3		MON	TH JA	N.	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		MEAN
1 2 3 4 5 6 7 8 9	3633213132	3633223132	3533233132	3633233123	35333233233	3533233323	3533233203	3 4 3 3 2 2 3 2 2 3	3 4 4 4 2 2 3 3 1 3	3543233313	3343232323	4 4 3 3 3 3 3 1 3	4 4 3 3 3 3 2 3 1 3	3333231323	4323231323	4333231223	4333331323	3 3 3 3 2 3 1 3 2 3	4 3 3 3 2 3 1 3 1 3	333331323	4333231223	4 3 3 2 3 0 3 2 3	5333231223	5333231323	4 4 3 3 2 3 2 2 2 2 3
11 12 13 14 15 16 17 18 19	3 2 3 1 2 0 3 3 1 1	3 3 1 1 0 3 3 2 1	3231013311	3 2 4 1 0 4 3 3 2 2	3331052322	2331040311	2331021313	1 3 3 1 0 1 1 5 1 6	1 3 4 0 0 3 1 3 1 3	1 3 4 1 3 3 1 3 1 2	2341331313	2333431212	2 4 3 3 1 1 1 2 1 2	2 3 1 1 1 1 1 2 0 2	2 2 1 1 2 2 1 2	2 3 1 2 1 1 2 3 1 2	2 4 1 1 1 1 2 2 1 2	2 3 1 1 1 2 2 1 2	3 2 1 2 1 1 2 2 1 2 2 1	2 2 1 2 0 1 2 2 1 2	2 2 1 1 0 1 2 2 1 2	2 3 1 4 0 1 2 2 1 3	2311032212	2 3 1 1 0 1 3 2 1	2 3 2 1 1 2 2 3 1 2
21 22 23 24 25 27 28 29 30	2332323312	2 2 3 2 3 0 3 4 1 2	1 2 3 2 3 0 3 3 1 2	1 2 2 3 3 0 3 1 3	1 3 2 3 1 1 3 4 2 3	1 2 3 2 1 0 3 4 2 3	1 2 2 3 2 0 3 4 2 3	1 3 3 2 4 0 3 4 1 3	1 3 2 2 8 0 3 4 1 3	1 4 2 3 10 0 3 5 1	1 4 2 3 17 1 3 3 1 3	132333333333333333333333333333333333333	2325333322	2 3 2 7 8 3 4 3 2 2	23249333322	3323234222	3333833222	33245333221	33030333000	3322234232	3423333122	3423234132	2323234122	3323233132	23236233322
31	2	2	1	2	2	3	1	1	1	1	1	2	2	2	2	3	3	2	3	2	2	2	2	2	2
MEAN	2	2	2	2	3	2	2	2	2	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

						ONTAR	IO N	MINIST	RY C	F TH	E E	NVIRON	MENT	- AIR	MA	NAGEME	ENT E	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOX:	DE							UNI	TS - I	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON - I	N 42,	LAKE	VIEW	GS PE	EL CO)	NO	46253			MON	TH FE	В	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2334133211	2333233211	3333243211	3 3 4 3 1 3 3 2 1 1	3342134212	3332133211	3332133212	3332134311	3332134211	3 4 3 2 1 3 3 2 1 2	3532133312	3 7 4 2 1 3 3 1 1 3	39421 33223	3432242123	3 3 4 2 2 3 3 1 2 3	3 4 2 2 3 2 1 1 3	3341233113	3 4 1 1 3 3 1 1 2	3 3 4 1 1 3 3 1 2 2	3 3 4 1 2 4 3 1 1 2	3 6 4 1 3 3 3 1 1 2	3 4 4 1 3 3 3 1 1	3 4 4 1 3 3 3 1 1	3 4 1 3 3 3 2 1 1	3 4 4 2 2 3 3 2 1 2
11 12 13 14 15 16 17 18 19	2 3 4 3 3 2 2 3 2 0	1 3 3 3 4 1 3 3 2 3	1 36 34 1 33 27	1 4 6 3 5 1 3 3 1 3	1463623311	1 5 6 3 6 3 4 3 1	2663533328	1663533310	2 8 6 3 4 3 3 3 5 1	3842333238	N943N3N3N0	3842334210	3 8 4 2 3 3 3 2 1 0	3943233210	5 10 4 3 1 3 3 2 1 0	6043234211	5 10 4 3 1 3 3 2 2 2	3 8 3 1 4 4 1	4 8 3 3 2 3 4 1 2 1	3632123221	3633223210	3 5 3 3 2 3 3 2 0 1	3433233201	3 3 3 2 3 2 0 1	3 6 4 3 3 3 3 2 1 4
21 22 23 24 25 26 27 28 29	1 1 2 4 3 4 3 4 5	1 1 2 3 2 4 2 4 5	2 1 2 4 2 4 3 3 4	3 1 3 3 2 4 3 4 5	313324334	1 1 2 4 2 4 3 3 5	123323234	2 3 3 2 3 2 3 3 3 3	333433334	3 2 3 4 3 3 3 3 3 3	303423433	333453433	3 3 3 6 4 4 3 4	3333743334	3 3 3 3 3 6 4 5 3 5	323353556	3 1 3 3 6 3 4 5 8	2 1 3 3 6 3 5 4 8	2 1 3 3 5 3 6 4 8	2 1 3 3 4 3 6 5 7	223343655	2 1 3 3 4 3 6 5 4	123343655	1 2 3 3 3 5 5 5	2 2 3 3 4 3 4 4 5
MEAN	3	3	3	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN:	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	W 42,	LAKE	VIEW	GS PE	EL CO		NO	4625	3			NTH M		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	5 3 3 5 1 3 1 0	5 5 3 2 2 1 4 1 0 2	5 3 2 3 1 3 1	5 5 3 2 1 3 1 3 1	5 5 3 3 2 1 3 0 2 1	5 3 3 2 1 2 0 1 1	6 5 3 3 3 1 3 0 1 1	5 5 3 5 3 1 4 0 1	6 4 3 5 2 1 4 0 1 1	6 3 3 4 2 1 4 0 1 1	4 3 4 3 1 1 1 0 1	4 3 3 3 1 1 2 0	4 3 3 2 1 2 1 1 2	5 3 3 1 1 2 0 1	5 3 3 1 2 2 0 1 2	4 3 2 2 2 2 1 0 1 2	4 3 2 2 1 2 2 0 2 2	3 2 3 2 2 1 0 2 2	4 3 3 2 3 2 0 2 1	5 3 2 1 3 2 0 1	4 3 3 1 3 2 0 1 2	4 3 2 3 2 3 2 3 2 0 2 1	4 3 2 3 1 3 2 0 1	5334131011	5 4 3 3 2 2 2 0 1 1
11 12 13 14 15 16 17 18 19 20	1 3 4 1 3 3 5 3 2 3	1 5 4 2 3 4 6 2 2 3	1 4 4 2 3 5 6 2 1 3	1 3 4 2 3 4 6 1 1 3	2 3 4 1 3 4 6 2 1 3	1 3 4 2 3 4 5 1 1 3	2342345223	3332345223	3333336223	3 3 13 4 4 5 2 3 5	3 3 7 1 3 3 3 6	5 5 2 2 4 4 3 3 3 7	5423543536	3552453536	5 5 4 2 4 4 3 4 4 6	3532353536	3623453456	3522453366	3513352254	3 5 1 3 6 3 1 4 3	4 3 1 3 4 4 5 3 6 3	4 4 1 3 3 4 4 3 6 3	4 4 1 3 4 4 3 2 5 3	3 4 1 3 4 5 2 2 3 3	3 4 3 3 4 4 4 3 3
21 223 24 25 26 27 28 29 30	33213322	5321333323	4 3 2 1 3 2 2 3 1 3	4321223322	3 1 1 3 2 3 3 2 2 2	3 1 1 2 3 2 3 2 2	3 1 1 3 2 3 3 2 2 2	2311332322	2311233332	3312333332	2 3 1 1 3 4 4 3 17	3 3 1 3 3 3 3 3 2 4 2	3213334362	421232323252	4 2 1 3 3 2 5 3 3 1 2	3 1 1 3 3 2 4 3 7 2	2213323331	3 1 3 4 2 5 3 2 2	2 1 1 3 3 2 4 3 2 2	3 2 3 2 3 2 3 2	3 1 1 2 3 2 3 2 8 2	4 1 2 3 3 2 4 2 8 2	4 1 1 4 4 3 3 3 2 9 2	4 2 1 4 3 3 3 3 3 3 2	3 1 2 3 3 3 7 2
31	2	3	2	2	2	3	2	2	2	3	3	3	3	5	4	4	3	3	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 100

						ONTAR	IO M	INIS	TRY (OF T	HE E	NVIRO	NMENT	- AIF	R MAI	NAGEME	ENT I	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE										S PER									
	STATI	ON -	W 42	LAKE	VIEW	GS PE	EL CO		NO	4625	3			NTH AF		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 N	WEAN
1 2 3 4 5 6 7 8 9	3 1 1 2 2 1 4 2 1 2	3 1 1 2 2 1 2 2 1 2	3 1 1 2 2 1 2 2 1 2	3 2 1 2 1 2 2 1 2	3 2 1 2 1 1 1 2 2 2	3 1 1 2 1 1 2 1 2	3 2 1 2 1 1 2 1 2 1 2	4 1 1 2 1 1 1 1 1 1 2	6 2 1 2 1 1 2 1 2	10 1 2 1 1 2 1 2	14	14 1 2 1 1 1 **** 2 1 7	6221122218	4 1 1 7 1 2 1 1 8	1 2 1 1 2 2 1 1 3	3 1 2 1 1 2 2 2 1 4	3 1 2 1 1 2 2 1 2 4	2 1 2 1 1 2 2 1 1 3	2 1 1 2 2 1 1 3	2 1 1 1 2 2 1 3	1 1 1 1 1 1 2	1 1 2 1 1 1 1 3	1 1 2 1 1 3 1 1 1 3	1 1 2 2 1 4 1 1 1 1 2	1 2 2 2 1 3
11 12 13 14 15 16 17 18 19 20	2010612122	2010411222	2010211122	2 0 3 0 2 1 1 2 2	2010311121	2 0 4 0 1 1 1 1 2 1	2 0 4 0 1 4 0 1 2 1	2040221221	2110221221	220010331321	2	4 2 **** 2 1 1 4 2	1 4 2 13 2 2 1 3 2 2	1 3 1 3 1 2 1 4 3 1	1 2 1 1 1 4 2 2	1 3 0 3 1 2 1 4 2 2	1 2 0 9 1 3 1 4 2 2	1 2 0 2 2 1 1 1 2 2	1 2 0 1 1 2 2 1	0201221222	0 2 0 2 2 2 1 2 1 2 1 2	0 2 0 0 1 1 1 1 1 1 2	0 4 0 1 1 1 1 2 1 2	0 6 0 2 1 1 1 2 2	1213221222
21 22 23 24 25 26 27 28 29 30	1 3 2 2 3 3 2 1 1 1	0 5 2 3 1 1 1 1 0	0 9 3 2 1 1 1 0 0	0 17 3 2 2 1 1 1	1 3 2 2 2 1 1 1 1 0	1 10 2 2 1 1 1 0 0 0 0	0 9 2 2 2 1 1 1 0	0532221111	13 14 2 2 2 1 2 1	1 5 2 4 2 1 2 1 1 1 1	252211211	2224113211	2622212211	1522212101	2924122111	2 5 2 2 1 2 3 2 1 1	4 4 2 3 2 3 4 0 1	3 3 2 2 2 2 3 1 2 1	2 3 4 2 1 2 3 1 1 1 1	2 2 2 1 2 2 1 1 1 1	2 4 2 2 1 2 2 1 1	2 3 1 2 1 1 2 1 0	4 3 2 2 2 1 1 1 0	8 15 2 1 1 1 1 1 0	27222121111
MEAN	2	2	2	2	1	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2	1	1	2	2	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - W 42, LAKEVIEW GS PEEL CO NO 46253 MONTH MAY 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 1 3 6 4 14 4 2 5 4 14 3 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 6 3 6 2 3 1 1 ** 1055 4 3 4 4 3 8 10 9 5 22 4 105680 3 3 2 16 06 8 6 8 0 ó MEAN

PERCENTAGE OF DATA VALID - 99

								DNTA	RIO	MIN	VIST	RY	OF T	THE	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	CH						
	POLLU'	TAN	т -	SU	LPH	UR D	IOXIC	DE								U	NITS	- PAR	TS PER	R HUNI	OREDM:	ILLIO	V					
	STATIO	ON	- W	42	, L	AKEV	IEW (SS P	EEL	CO		NO	462	53		М	ONTH	JUN	72									
HOUR	1	2		3		4	5	6	7		8	9						15			18			21	22			MEAN
DAY 1 2 3 4 5 6 7 8 9 10	0	0	**	**	***	*	0	0	0	0.0	fe de el	***	****	***	6 6	DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -	3 t 3 Q	***	***	***	***	* * * *	***	***	***	****
12 13 14 15 16 17 18 19 20															-	DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING -										
21 223 24 25 26 27 28 29 30															-	DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING -										

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION -	W 42	, LAK	EVIE	V GS F	PEEL C	0	N	0 4625	3		MC	NTH J	JL	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	**** 11 10 11	11 10 11	10 10 11	9 9 11	9 9 11	•••• 9 10 11	9 10 11	9 9 10	0 10 10	5 11 11 11	8 11 11	9 12 11	DATA DATA DATA DATA	MISSIP MISSIP MISSIP MISSIP MISSIP 12 12 12 11	NG - NG - NG -	12 12 12 12	13 12 11 12	13 12 10 12	13 12 10 12	14 12 11 12	13 12 12 12	12 12 11 11	12 11 11	12 10 11	11 11 11 11
11 12 13 14 15 16 17 18 19 20	11 6 7 4 7 3 4 4 5 7	1 1 6 7 5 7 4 3 4 5 7	11 6 5 7 3 3 4 5 6	10 5 5 6 3 3 4 5 6	10 56 57 33 45 5	10 57 57 33 43 5	10 67 55 64 33 43 6	10 77 4 6 33 5 4 6	7 6 4 6 3 5 7	8 6 4 5 4 7	6 7 6 5 7 5 7 5 12 9	8 9 8 7 8 8 7 10 9	9 7 7 7 8 11 8 9	9 6 7 7 8 8 9 9	11 8 6 7 6 8 7 8	11 8 4 7 6 8 6 8 11 6	11 9 4 8 3 9 7 8 11 7	9 4 8 4 8 8 9 9	9 11 4 7 5 8 8 9 9 8	9 11 4 7 4 9 7 7 8 9	9 11 4 7 4 9 6 6 8	8 10 4 8 4 7 5 7 8	7 9 4 8 5 7 4 8 7 9	6 8 4 8 5 4 4 7 6 8	9 8 6 6 6 6 6 7 8
21 22 23 24 25 26 27 28 29 30	7353201011	7 3 5 3 3 0 1 1 1 2	8 3 2 3 0 1 0	8 3 1 2 0 0 1	8 3 2 2 0 0 0	7 3 3 2 2 0 1 0 0 2	7 3 3 2 3 1 1 0 0 2	5352211002	3 4 5 2 2 0 1 0 1 2	3 5 5 2 1 0 1 0 1 3	3 5 5 2 1 0 2 0 2 3	3 7 3 2 0 0 2 1 4 3	3632103454	37 4 20 1 37 64	26 4 1 1 2 3 7 6 6	2 6 4 2 1 2 3 4 6 6	3 4 6 2 1 2 3 3 5 5	3462132354	2523132344	3 6 2 3 1 1 1 3 4 5	2923111344	3 7 3 3 1 1 3 2 3 4	36331132233	3333011223	4542112233
31	2	2	2	2	1	2	2	2	3	3	4	1	0	1	3	4	4	4	4	4	4	3	2	2	3
MEAN	5	5	5	4	4	4	5	4	4	5	5	6	7	7	7	7	7	6	6	6	6	6	6	5	6

PERCENTAGE OF DATA VALID - 79

UNTAMIU	WINTPINE	UF	IHE	ENVIRONMENT - AIR	MANAGEMENT	BHANCH
POLLUTANT - SULPHUR DIOXIDE				UNITS - F	ARTS PER HUN	DREDMILL

	STATI	ON -	W 42.	LAKE	VIEW	GS PE	EL CO		NO	46253	3		MC	NTH AU	JG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3								•••	••••			-	DATA	MISSIN MISSIN MISSIN	IG -	2	•	•	•	•	•				
5 6 7 8 9	2 1 2 1 3 2	1 2 3 2 3 2	1 1 2 2 3 2	1 2 3 2 4 2	1 2 2 1 4 2	0 2 2 1 3	022231	1 2 2 1 3 2	1 2 3 2 3 1	2 2 2 2 3 2	32322	3 4 2 2 2	4 3 3 2 2 2	3 4 2 2	3 4 5 2 2 2	353222	3342322	3 2 3 2 2	2 3 2 3 2 2	2 3 2 4 2 2	3 2 4 2 2	2 3 2 4 2	2 2 4 2 2	2 1 3 2 2	2 3 3 2 3
11 12 13 14 15 16 17 18 19	2 2 0 1 0 1 1 1 0 0	220110000	21001000	2201001000	2 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	2102100100	2 1 1 0 0 0 2 0 0	2 1 1 1 0 0 1 1 1 0	2 1 1 0 0 0 3 3	0121000125	1 1 1 1 0 0 1 3 5	122200011145	2234 008 28054	1 2 3 3 0 8 0 5	1 1 2 3 *** 0 1 0 5	1 0 2 3 0 0 3 0 5 3	1022100062	1030200063	1050200063	0 1 3 0 2 0 0 0 4 3	1 1 2 1 2 0 1 0 0 2	1 0 2 1 1 0 0 1 0 0 3	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 1 1 0 0 1	1 1 2 1 1 0 3 1 2 2
21 22 23 24 25 26 27 28 29	0 3 4 3 3 1 1 0	0333304010	0 3 3 3 3 0 4 0 1	0 2 3 3 3 0 3 0 0	0 1 3 3 2 0 3 0 0	0 1 3 3 3 1 2 0 0	0 1 3 3 3 0 2 0 0	0233213001	1 1 3 3 1 1 2 0 0	3 2 4 4 1 2 2 0 1 2	4 4 3 5 1 8 3 0 1 3	5438132013	5439033000	6 4 3 9 0 4 2 0 3 3	6 5 8 0 6 2 1 1 3	6 6 5 10 8 2 1 4 7	6638142146	6638152123	6 6 3 6 1 6 3 1 0 3	6635151103	5537231202	4 5 3 4 1 3 1 1 0 2	4 4 3 3 1 1 0 1	3534130100	34 35 1 32 1 1 2
31	0	1	0	0	1	1	1	1	2	3	3	5	6	9	9	5	4	4	3	3	3	2	2	1	3
MEAN	ĭ	1	1	1	1	1	1	1	1	2	2	3	4	3	3	3	3	3	3	2	2	2	2	4	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH SEP STATION - W 42, LAKEVIEW GS PEEL CO NO 46253 24 MEAN 3 0 0 3 1 0 0 0 1 2 0 0 0 0 0 0 18 4 4 3 4 3 0 0 15 1 9 3 4 **** 3 4 3 15 4 0 1 Ó MEAN

PERCENTAGE OF DATA VALID - 97

							ONTA	RIO	MINIS	TRY	OF T	HE E	NVIR	NMENT	- AIR	MA	NAGEM	ENT	BRANC	H						
	POLL	UTANT	-	SUL	PHUR	DIO	IDE							UN	NITS - P	ART	S PER	HUND	REDMI	LLION	1					
	STAT	ION -	W	42,	LAK	EVIEW	GS F	PEEL	CO	NO	4625	i3		MC	ONTH OCT		72									
HOUR	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3000	0 0 0	0	300000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000	100000	000000	100000000001	1 0 0 0 0 0 1	1 0 2 0 0 0 2	1 0 1 0 0 0 3 3	DATA	0 1 2 0 0 0 4 MISSING MISSING		0000000	0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19 20														DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
21 223 24 25 26 27 28 29 30	* * * * * 1 1 1 2 2 2 2	* * * * * 1 1 2 3 2 1	****	1 2 2 2 2 1	1 1 1 2 2 1	***** 1 1 1 2 2 1	0 * * * 1 1 1 2 1 1	* * * * * 1 1 1 2 1	**** 1 2 2 2 1	1 2 3 2 1 1	**** 1 2 4 3 1 1	* * * * * 2 2 5 2 2 1	2 2 2 5 2 2	DATA DATA ****	MISSING MISSING MISSING 3 5 2 1	-	2 2 3 4 3 1 1	1 2 2 3 3 1 1	22233311	1 1 3 3 3 1 1	1 1 1 3 2 1	1 2 2 4 2 1 1	1 2 2 5 2 1	1 2 1 3 2 1 1	1 2 1 2 2 1	**** 2 2 3 2 1
31	1	1		1	1	1	1	1	1	0016	0	1	2	4	1	1	2	2	2	1	2	2	2	3	1	1
NATE AND	- 34			-		96			4	- 4	4	4	2	- 0	2	ä	4	1	1	31	3	1	- 1	1	1	1

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - W 42, LAKEVIEW GS PEEL CO NO 46253 MONTH NOV 24 MEAN 1 3 1 4 2

PERCENTAGE OF DATA VALID - 94

2 2 2

2 2

2 2

MEAN

						ONT	ARIO	MINI	STRY	OF 1	THE E	ENVIR	ONMEN	T - AIR	м	ANAGE	MENT	BRANG	СН						
	POLI	UTAN	- S	JLPHU	R DIO	KIDE							U	NITS -	PAR	TS PER	R HUND	DREDM	ILLIO	N					
	STAT	TION .	W 4	2, LA	KEVIE	W GS	PEEL (СО	N	462	53		M	ONTH DE	C	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4													DATA	MISSIN MISSIN MISSIN MISSIN	IG - IG -										
5 6 7 8 9	3 0 2 2	2022	2 1 2 2	2 0 1	2 0 2 2	2 0 1 2	2 0 2 2	2 0 2 2	1	1 1 2	1 0 1 2	1 0	1 0 1	0 1	0022	2 0 1 2 2	0 1 2 2	3 0 3	3 0 2 2	3 0 2	1 1 1	3 0 1 1	3 0 1 2	2012	1 0 2 2
10	ī	í	1	1	2	2	2	1	1	1	í	2	1	1	1	í	ő	1	1	1	1	1	1	ő	1
11 12 13	0	0	0	0	0	0	0	0	0	1	1	1	DATA DATA	MISSIN MISSIN	3 IG -	****	••••	••••	••••	****	••••	****	••••	••••	••••
12 13 14 15 16	0	0	0	3 0	5 0	2	0	0	0	0	0 1 1	1 0 3	0 1 DATA	0 0 0 MISSIN	0 1 IG -	0 0 0	0	0	0	1 0 0	000	0 0 0	0		1 0
18 19 20	0	0	0	0	0	0 2	0	0	0	1 2	1 2	1	1	1 0	1 0	1	1 0	1	1 2	1 1 6	1 1 4	1 4	1	0 1 6	1 2
21 22 23 24 25 26 27 28 29	4 0 1 1 2	1 0 1 1 1	0 1 1 1	0 1 1 1	0 1 1 1	1 1 1 1 1	1 1 1 1	1 0 1 2 1 0	1 0 1 1 1	1 0 2 1 1 1	1 0 1 1 1	1 0 2 1 1	1 0 3 1 1	1 1 2 1 1	1 1 1 2 1	1 0 1 1	1 0 1 1	1 1 2 1 1 1	1 1 2 1 1	1 1 1 1 0	1 1 2 1 0	1 1 2 1	2 1 3 1 1	1 2 3 1 0	1 1 1 1 1
30	0	0	0	••••	0	0	0	0	0	0	0	0	DATA	MISSIN	G -	2	0	0		••••		ō	0		0
31												-	DATA	MISSIN	G -										
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - W 42, LAKEVIEW GS PEEL CO NO 46253

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	6	17
FEB	29	3	6	51
MAR	31	3	7	31
APR	30	2	7	17
MAY	31	3	5	22
JUN	1	0	0	0
JUL	25	6	11	14
AUG	28	2	5	28
SEP	30	2	4	18
OCT	15	1	3	7
NOV	29	2	3	8
DEC	22	1	2	6
YEAR	302	3	11	51

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - W 42, LAKEVIEW GS PEEL CO NO 46253 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN 718 22 3 1 0 0 744 FEB MAR APR 0 80 1 3 0 0 0 0 3 0 5 MAY JUN JUL AUG 7 SEP OCT NOV DEC

676 100

FREQUENCY DISTRIBUTION BY PERCENTILES

YEAR

PERCENT OF DATA	e veneral	5.4047		FREQUENCY		BUTION,	PERCENT		00	144.7/	ARITH
VALID	MIN	1.0	30	50	70	90	95	98	99	MAX	MEAN
80	0	0.3	0.8	1.8	2.6	4.3	6.2	9.3	10.9	51	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 50, LAKEVIEW GS PEEL CO MONTH JAN NO 46254 HOUR DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 24 MEAN 3 1 3 1 1 1 2 3 3 3 2 4 3 4 3 3 2231030* 22 23 24 25 26 27 28 29 30 MEAN

PERCENTAGE OF DATA VALID - 99

							ONT	ARIO	MINI	STRY	OF 1	THE I	ENVIR	ONMEN	T - A	IR I	MANAGE	MENT	BRAN	СН						
	POLL	JTAN	Т -	SULP	HUR	DIOX	IDE							U	NITS	- PAI	TS PE	R HUNI	DREDM	ILLIO	N					
	STAT	ION	- W	50,	LAKE	VIEW	GS	PEEL	CO	N	0 4625	54		м	ONTH	FEB	72									
HOUR DAY	1	2		3	4	5	6	7		9	10	1,1	12	13	14	1!	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2	2	3	2	2	2	2	2	2	2	2	3		DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS	ING ING ING ING ING ING		****	****	****	****	****	****	****	••••	****
11 12 13 14 15 16 17 18 19														DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -										
21 22 23 24 25 26 27 28 29	1 2 2 2 2 2 3 3	1 3 3 1 2 3 3		2	1 3 1 2 3	3 3 2 2 3 3	1 3 3 1 2 3 3	1 3 3 1 2 3 3	2 3 3 1 2 3 3	1 3 3 2 2 2 3	2 3 3 2 2 2 3 3 3	1 3 3 3 3 3	1 2 3 1 3 2 3 3	DATA 1 2 3 2 3 2 3 2 3	1 2 3 3	1 2 3 3 3 3 3 3 3 3		1 2 3 2 3 3 3 5	1 3 3 3 3 3 4	1 2 3 3 2 4 3	1 2 3 2 2 4 2	1 2 3 3 4 2 4	12332433	1 2 3 3 2 4 3 4	02322333	2 3 3 2 3 3 3 3 3
MEAN	2	2	2	?	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	2	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE NO 46254 MONTH MAR STATION - W 50, LAKEVIEW GS PEEL CO 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 1 2 3 3 2 3 2 3 3 3 1 0 3 3 2 3 3 4 1 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTA	RIO M	INIST	RY 0	F TH	HE E	NVIRON	MENT	- AIR	MAN	NAGEME	NT E	BRANCH	1						
	POLLU'	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PARTS	S PER	HUNDE	REDMIL	LION						
	STATIO	ON -	W 50,	LAKE	VIEW	GS P	EEL CO		NO	46254	•		MON	ITH AP	R	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	4345455233	4355545233	4545545223	5445544223	5545554225	5 4 4 5 4 4 4 2 1 3	5445444223	5445553223	7 4 5 5 4 5 4 2 2 3	8455555233	8455453334	65555533334	6555543335	54555553234	5455532334	54555433334	5345532334	5454532334	4344542324	4 5 4 4 5 4 3 3 3	4 4 4 4 5 4 2 3 2 3	4455542323	4455552333	3454552232	5 4 5 5 5 5 4 3 3 3 3
11 12 13 14 15 16 17 18 19 20	233152221	3231512221	2 2 2 1 4 1 2 2 2 1	3231322221	3232311221	3232312211	3222322211	3332322211	3333322211	4 3 3 5 3 2 3 3 1	4 4 3 4 3 2 2 4 2 1	3 4 3 2 2 3 3 2	3 4 3 3 3 3 2 3 2 2 2 2	3532332322	3432322211	3633322211	3533330001	3 4 3 2 2 2 1 1	2423222121	2332222121	3 4 3 2 1 2 2 2 1 1	2332122111	2422122211	27221221	3432322221
21 223 245 227 2289 200	0 3 1 1 1 2 1 1	021111111111111111111111111111111111111	121111111	1 3 1 1 0 1 1 1	051111211	151101111	1 3 2 0 0 1 1 1 0	1221111111	4 1 2 1 1 1 1 1 1 2	2 1 1 0 1 2 1 8 2	2 3 1 1 1 1 1 1 3 2	1 3 1 1 1 1 1 1 1 3	1 2 1 1 1 1 1 0 2 2	1 3 1 1 1 2 1 1 1 2	1 2 1 1 1 1 1 1 1	1 2 1 1 2 1 1 2 1	3 2 1 1 1 2 2 1 2 2	3 2 1 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2	1 2 1 1 2 1 1 3	1 1 1 1 1 1 1 2	1 1 1 1 1 1 2 1 1 1 2 2	1 1 1 1 1 1 1 1 1 1 1 1	201121111111111111111111111111111111111	3 2 1 1 1 1 1 0 1 2	1 2 1 1 1 1 1 2 2
MEAN	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	3	2	2	2	2	2	2	3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 50, LAKEVIEW GS PEEL CO NO 46254 MONTH MAY 24 MEAN 1 1 5 5 1 1 1 61222 1382 22 23 24 25 26 27 28 29 30 3 2 4 1 10 0 7 3 3 3 2 3 2 2 2 . . . 3 1 2 1 3 1 7 ্ৰ MEAN

PERCENTAGE OF DATA VALID - 99

						ONTA	AIO I	MINIST	TRY (OF TH	1E E	NVIRO	MENT	- AI	R MA	NAGEM	ENT E	BRANC	н						
	POLLUT	ANT -	SUL	PHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUNDE	REDMI	LLION						
	STATIO	N - W	50.	LAKE	VIEW	GS F	EEL C	0	NO	46254	i,		MON	ITH J	UN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	1 1 3 2 2 0 1 1	1 1 2 3 2 2 0 1 1 0	1 1 2 3 2 3 0 1 1	1 2 3 2 2 0 1 1 0	1 1 2 3 2 3 0 1 1 0	1 1 2 3 2 2 0 1 1 0	33230110	1 3 3 2 3 0 1 1	1 1 3 3 4 3 0 1 1	1 4 3 6 3 1 1	1 2 4 3 3 1 1 1	1 3 4 3 4 1 1 1 2 0	1 3 4 3 4 1 1 1 0	1 3 4 3 3 1 1 1 0	14433311110	1 3 3 3 3 1 1 2 1 0	1 3 4 3 3 1 1 1	1 3 4 3 3 1 1 1	1 3 4 3 3 1 1 1 0	1 3 3 3 3 1 1 1 0	1 3 3 3 3 1 1 1 0	1 3 3 2 3 1 1 0 0	3322311100	1 3 3 3 2 1 1 0 0	1 2 3 3 3 2 1 1
11 12 13 14 15 16 17 18 19	0 1 1 2 3 2 1 1 2 2	0 1 1 2 3 2 1 1 2 2	0 1 1 2 3 2 1 1 2 2	0 1 1 2 3 2 1 1 2 2	0 1 1 2 3 2 1 1 2 2	0 1 1 2 3 2 1 1 2 2	0 1 1 2 3 2 1 1 2 2	0122422122	0 1 1 3 4 2 2 1 2 3	0 1 3 3 2 1 2 3 3	0113321233	0 1 2 3 3 2 1 2 3 3	0 1 1 4 3 2 2 2 3 4	1 1 2 4 3 2 2 2 3 4	1234322233	1 1 2 4 3 2 2 2 3 3	1124322233	1 1 2 4 3 2 2 2 3 3	1 1 2 4 3 2 2 2 2 3 3	1 1 2 3 3 2 2 2 2 2 3	1123321222	1123221222	1223211222	1 1 2 3 2 1 1 2 2 3	0 1 2 3 3 2 1 2 2 3
21 22 23 24 25 26 27 28 29 30	2 2 1 1 1 1 2 2	2 2 1 1 1 2 1 1 1		2 2 *** * 1 1 1 1 2	2 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	2 2 1 1 1 1 1 1 1 2 2	2 2 1 1 1 1 1 1 1 1 1 1 2 2	22221111122	2 2 2 1 1 2 3 2 1	2 2 1 1 2 1 3 2 3	2211122323	2 1 1 1 2 2 3 2 1	2 2 1 1 2 2 3 2 1	2 1 1 1 2 2 3 2 1	1 1 2 3 2 4 2 2	1 1 2 3 2 3 2 2 2	1 1 2 3 2 2 2 2 2	2 1 1 2 3 2 2 2 2 2 2	2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 1 1 1 2 2 2 2 2 2 2 2 2 2	2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 1 1 1 2 2 2 2 2 2 2	2 1 1 1 1 2 1 1 2 2	2 1 1 1 1 1 2 2 1 2	2211122222
MEAN	1	1	1	4	•	4	4	3	2	2	2	2	•	-	-		~			•	•	-		-	_

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 50, LAKEVIEW GS PEEL CO NO 46254 MONTH JUL HOUR DAY 24 MEAN 2 3 4 5 6 7 8 9 10 3 29 3 3 3 3 3 3 3 3 3 3 3 * * * * 12 13 14 15 16 17 18 19 20 3232322* 3332222** 3 2 3 2 2 3 1 3 4 6 4 4 5 5 4 4 5 3 4 4 22 23 24 25 26 27 28 29 30 3 4 4 3 1 4 4 3 2 1 3 4 4 2 3 4 3 2 1 4 4 3 1 MEAN

PERCENTAGE OF DATA VALID - 95

						ONT	ARIO	MINIS	STRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANCI	Н						
	POLL	UTANT	- SI	ULPHU	R DIOX	IDE							UN	ITS -	PART	S PER	HUNDI	REDMI	LLION						
	STAT	ION -	W 5	O, LAI	KEVIEW	GS F	PEEL (00	NO	4625	4		MO	NTH A	AUG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	2 1 1 1 0 0 0 1 1 **** 1 1	2 1 2 0 0 0 1 ****	1 1 0 0 0 0 1 ****	2 1 1 0 0 0 0 1 1 1 1 1 1	1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 1 ****	2 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 2 1 0 0 0 0 0 0 1 1 1	2 2 2 1 0 0 0 ****	2 1 2 1 0 1 1 1 1 1 1	2 1 2 2 1 1 1 1 1 1 1 1	2 1 2 3 1 1 1 1 1 1 1	2 2 3 2 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 1 1 1 2 1 1 1 1 1 1	3 2 2 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 0 1 1 1 1 1 1 1 1	2 1 1 0 1 1 1 1 1 1 1 1 1	2 2 1 0 1 1 1 1 1 1 1 1 1	1 2 1 0 0 1 0 1 1	1 2 1 0 0 1 0 1 1 **	2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 1 3 3 3 3 3 3	1 1 2 1 3 3 3 3 3 3 3	1 1 1 1 3 3 3 3 3 3 3	1 1 1 1 3 3 3 3 3	11121333333	1111333333	1 1 1 2 1 3 3 3 3 3	1 1 1 2 1 3 3 4 3 3	1 1 1 2 1 3 3 4 3 3	1 1 2 1 3 3 3 4 4	1 1 2 3 2 4 5 4 4	1 1 3 3 1 4 1 9 4 4 5	1 2 2 3 1 4 6 4 5 4	1 2 2 3 2 4 4 4 5 3	1 1 2 2 1 3 4 4 4	1 2 4 2 3 3 4 4 4 4	1 2 3 3 3 3 3 4 4 5	1 2 3 2 3 3 3 4 5 6	1 2 2 1 3 3 4 4	1 2 2 1 3 3 3 4 3	1 1 2 1 3 3 3 3 3 3 3 3 3 3	1 1 2 1 3 3 3 3 4 3	1 1 3 3 3 3 3 3 3 3 3	1 1 2 1 3 3 3 3 3 3 3 3	1 1 2 2 2 3 4 3 4
21 22 23 24 25 26 27 28 29 30	3421110111	3 4 1 1 1 1 1 1 1 0 1	3 4 1 1 1 1 0 0	3 3 1 1 1 1 1 0 0 1	3311111001	3 3 1 1 1 1 0 0 1	3 4 1 1 1 1 1 0 0 1 1	3 4 1 1 1 1 1 1 0 0 1 1	4 2 1 1 1 1 1 1 1 2	4 1 2 2 1 1 1 1 1 3	4222121112	4 2 1 2 1 1 1 1 1 2	5223111123	53 22 3 **** 1 1 1 3 2	5322121122	4 3 2 3 1 1 1 1 3 3	5 3 1 4 1 1 1 1 2 3	5 3 1 3 1 1 1 2 3	4 3 1 2 1 2 1 1 2 2	4 2 1 2 1 1 1 1 1 1 2	4 2 1 1 1 1 1 1 1 1 2	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 2 1 1 1 1 1 1	4 3 1 2 1 1 1 1 1 2
31	Ť	1	1	1	1	1	1	1	2	2	2	2	3	3	4	5	5	4	2	2	2	2	2	2	2
MEAN	1	4	4	¥	4	4	- 4		0	2		2	2	2	2	2	2	2	2	2	2	2	14	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 50, LAKEVIEW GS PEEL CO NO 46254 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 1 1 0 2 1 1 1 1 10000000000 00000:0000 1 1 0 0 0 0 0 0 0 1 3 1 1 0 0 0 1 0 0 1 3 00000 0100 00000: 0010 00000 0010 00000 * 0000 00000 00000 00000 00000 *00000 00000 00000

PERCENTAGE OF DATA VALID -

 MEAN

						ONT	OIRA	MINIS	STRY	OF 1	THE E	NVIR	ONMEN	T - A1	R M	ANAGEN	MENT	BRANC	ж						
	POLLU	TANT	- S	ULPHU	R DIO	XIDE							UI	NITS -	PAR	TS PEF	HUNC	REDMI	LLION	ı					
	STATI	ON -	W 5	O, LA	KEVIE	W GS I	PEEL C	0	NC	462	54		M	ONTH (OCT	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 1 2 2 2 2 2 2	000112122	0 0 0 1 1 2 1	0 0 0 1 1 2 1	0 0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 2 1 2	0 0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 2 1 1 1 1 1	0 0 0 1 1 2 2 2 2	0 0 1 1 2 2	0 0 1 1 2 2 2 2	00012222	0 0 1 1 2 2 2 2 1	0 0 2 1 2 2 2 2 1	0 0 2 2 2 2 2 1	0 0 2 2 2 2 2 2	00 22 22 22 22 22 22	0002222222	0 0 1 2 2 2 2 2 2 3	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 1 1 2 2 2 2	00 01 1 2 2 2 2 2 2 2 2 4 4 4 4 4 4 4 4 4 4	0 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 1 1 2 2 2 2 2 2 2 2	0 0 1 1 2 2 2 2 2 2 2 2
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
21 22 23													DATA	MISSI MISSI MISSI	NG -			-	_	64				<u>~</u>	
21 22 23 24 25 26 27 28 29 30	1 1 1 1	1 1 1 1 1 1 1	1 1 1 1	1	1	1 1 1 1	1 1 1 1 1 0	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 2 1 1	1 1 2 1 1	1 1 2 1 1	1 1 2 1 1 1	1 1 2 1 1	1 1 2 1 1	1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1 1	1
31	1	1	0	1	0	1	1	1	1	1	1	-1	1	1	Ť	1	1	2	2	2	2	2	2	2	1
MEAN	1	1	1	1	4	1	-1	1	4	1	1	- 1	ď	14	4	9	ì		*		4	4	4		•

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - W 50, LAKEVIEW GS PEEL CO MONTH NOV NO 46254 24 MEAN 2 1 2 1 2 1 1 1 2 1 1 2

2 2

PERCENTAGE OF DATA VALID - 99

MEAN

						ONT	ARIO	MINIS	STRY	OF T	THE E	ENVIR	NMENT	- Al	IR MA	ANAGE	MENT	BRANG	СН						
	POLL	UTANT	r - Sl	JLPHUR	DIO)	KIDE							UN	IITS -	PART	TS PER	HUNI	DREDM:	ILLION	ą.					
	STAT	ION -	W 50	. LAF	(EVIE	V GS	PEEL (00	NO	4625	54		MC	NTH [DEC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	2 1 2 2	2 1 1 1	2 1 1 1	2 1 1 1	2 1 1	2 1 1 ****	2 1 1 ****	1 1 1 ****	1 1 1 * * * *	1 1 * * * *	1 1 1 ****	1 1	0 1 1 ****	0 1 1	0 1 1	1 1 4 4 4 4	1 1	1 1 1	1 2 1	1 2 1	1 2 1	1 2 1	1 2 1 ****	1 2 1 ****	1 1
6 7 8 9	4 2 3 5 5	4 2 4 4 5	4 2 3 4 5	4 2 3 4 5	4 2 3 4 5	4 1 3 4 4	4 2 3 4 4	4 1 4 5 4	4 2 4 5 4	4 2 4 5 4	3 2 4 5 5	3 2 4 5 4	3 2 4 5 4	3 3 4 5 4	3 3 4 5 4	3 3 4 5 5	3 3 4 5 4	3 3 4 5 5	4 2 3 4 5 4	4 2 3 4 5 4	4 2 3 4 5 4	4 2 3 4 5 4	2 3 4 5 3	2 3 5 5 3	3 2 4 5
11 12 13 14 15 16 17 18 19	3 **** 2 2 **** 0 1 1 0 3	3 2 1 **** 0 1 0 0 3	3 **** 2 1 **** 0 0 0 0 0 3	3 **** 1 2 0 0 0 1 0 3	3 **** 2 1 0 0 0 1 0 3	3 **** 2 2 5 0 0 1 0 3	3 * * * * 2 2 7 0 0 1 0 3	3 **** 2 2 3 1 0 0 0 3	2 2 2 1 0 0 0 3	3 **** 2 2 3 2 0 0 0 3	3 **** 2 2 6 2 1 0 0 4	3 **** 2 2 4 3 1 0 2 4	3 2 1 2 3 2 1 0 2 5	322221025	2 2 2 2 2 1 0 2 4	2 2 2 2 2 2 2 2 2 4	3 2 2 1 2 2 0 3 4	**** 3 2 2 1 1 1 0 3 4	**** 2 2 2 1 1 1 1 3 5	**** 2 2 2 1 1 1 1 3 5	**** 2 2 0 0 2 1 1 3 6	**** 2 2 **** 0 1 1 1 3 7	**** 2 2 **** 0 1 1 1 3 6	**** 2 **** 0 1 1 1 3 5	**** 2 2 2 1 1 0 1 4
21 22 23 24 25 26 27 28 29 30	6 3 2 3 4 3 1 2 3 2	5323431132	4 3 2 3 3 3 1 2 2 2	4 3 2 3 3 3 1 2 2 2	3 3 2 3 3 2 1 2 1 2	3323321212	3 3 2 3 3 2 1 2 2 3	3 3 2 3 3 2 1 2 2 3	3 2 3 3 3 1 2 2 3	3 3 3 3 1 2 2	3 3 3 3 1 3 2 3	3 2 3 3 3 2 3 2 3	3 2 3 3 3 3 2 2 3 3	3 2 3 3 3 3 2 2 3 3	3 2 3 3 3 1 2 4 3	32333312233	3 2 3 4 3 3 1 2 2 3	4 2 3 4 3 2 1 2 2 3	3233322223	3233322223	323332223	3234323223	3233322233	32333123323	3233331223
31	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	2	2	2	2	2	2	2	2	2	3	3	2	3	2	3	3	2	2	2	2	3	3	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - W 50, LAKEVIEW GS PEEL CO NO 46254

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN O

0.2 0.7 1.2

PERCENT OF DATA VALID

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	3	6
FEB	9	2	3	5
MAR	31	3	7	31
APR	30	3	5	8
MAY	31	2	6	11
JUN	30	2	3	6
JUL	31	2	4	29
AUG	31	2	4	19
SEP	30	1	2	13
ост	17	1	2	3
NOV	30	1	2	3
DEC	31	2	5	7
YEAR	332	2	7	31
				78 F

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - W 50, LAKEVIEW GS PEEL CO NO 46254 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

4.7

3.8

5.3

MAX

1.9

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
30 50 70 90 95

2.0 3.0

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - W O LAKEVIEW GS MONTH APR HOUR DAY 1 2 3 4 5 6 6 7 8 9 1 1 1 1 2 1 3 4 4 5 6 1 7 8 1 9 2 0 2 1 2 2 3 2 4 5 2 6 7 2 2 8 9 3 0 3 0 14 15 24 MEAN DATA MISSING 3 2 1 2 2 1 1 1 1 1 2 2 2 1 1 0 1 1

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PERCENTAGE OF DATA VALID - 41

MEAN

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						ONTAR	RIO N	MINIST	RY ·	OF TH	HE EN	VIRON	MENT	- AIF	R MA	NAGEMI	ENT	BRANCI	4						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON - 1	W O L	AKEVI	EW GS	6			NO	46256	6		MON	TH MA	ΑY	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	-
1 2 3 4 5 6 7 8 9	4 2 0 1 2 1 2 2 2 2	3201122221	5100221222	2210222243	1000222233	2 1 2 0 2 2 3 2 2 4	3 1 1 2 2 2 1 2 3	301122223	3 1 1 0 * * * 2 2 3 3 2	4310122322	4 3 1 0 1 2 1 2 1 1	5110132222	3 1 0 1 3 1 2 3 1	3 2 1 0 1 3 2 2 4 1	1 1 2 0 2 1 2 0	3 1 0 2 0 4 2 2 2 2 2 2	4 1 0 2 1 4 2 2 2 2 2 2	***** 1 2 1 3 3 2 2 2	4012123223	4012124222	3 0 1 2 2 2 4 2 1 3	3112123223	2002213224	2012212225	3111122222
11 12 13 14 15 16 17 18 19	4 4 3 5 3 4 2 2 3 3	3 4 3 4 2 2 3 3	3334332233	3334332233	3344332233	3354332233	3 5 7 1 4 4 2 2 3 3	34 44 22	3 4 3 4 4 2 2 ***	3 4 4 3 4 2 3 2 3 3	3 4 4 4 4 3 3 2 2 3 3	2354433233	2354423233	2 4 4 4 3 3 3 4 3	3 4 4 3 3 3 4 3	3 4 4 4 4 3 3 2 4 3	2 4 4 4 3 3 3 4 3	3 4 4 4 3 3 3 3 4	3 4 4 4 4 2 2 3 4 3	4 4 4 4 2 2 3 4 3	4 4 4 3 2 2 3 3 3	54644223333	6453422333	5 4 4 4 4 2 2 3 3 3	3 4 4 4 4 3 2 2 2 3 3 3
21 22 23 24 25 26 27 28 29 30	3 3 4 4 1 4 7 4	3 4 3 1 4 7 4	333331 4544	3333314544	3 4 3 5 3 1 4 4 4 4	3 4 4 3 1 4 4 4 3	3 4 3 3 3 1 4 5 4 3	33333144533	3 3 2 3 3 1 4 4 4 4	3 3 3 3 0 1 4 4 4 4 2	3 3 3 1 * * * * 4 5 4 2	3 3 3 3 0 3 4 7 4 2	4 3 3 2 0 4 4 7 4 2	4 3 3 2 0 4 4 5 4	3 5 3 2 0 5 4 8 4 1	3 8 4 2 0 4 4 4 4	33521 44551	4 3 5 3 1 4 4 6 5 1	4 3 5 3 1 4 4 4 5	4 3 4 3 1 4 4 4 5	4 3 4 3 1 4 4 5 1	3 4 6 3 1 4 4 4 4	4 4 4 3 1 5 6 4 4 1	4 4 4 3 1 5 7 4 4	3 4 4 3 2 3 4 5 4 2
31	1	1	1	4	1	1.	1	1	1	1	1	1	2	1	3	1	1	1	1	1	1	1	1	1	1
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

	POLLU	TANT	- SUI	LPHUR	DIOXI	DE							UN:	TS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	W 0 I	LAKEVI	EW GS	3			NO	4625	6		MON	ITH JU	JN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	1622145564	1 4 2 1 1 6 5 5 5 4	1 4 2 1 1 6 5 4 5 4	1411165454	1 4 1 2 1 6 5 6 5 4	1 4 1 2 1 5 6 5 5 4	1 6221 5655 4	1622155554	6 2 1 1 4 5 6 5 4	42211555544	1 1 5 5 6 4 4	4 2 2 2 1 5 4 6 4 4	4222455644	4222465644	4222556644	4 2 2 2 4 5 6 6 4 4	4 2 2 1 5 5 4 6 4	4 2 2 1 4 5 4 6 4	4 2 2 1 5 6 4 6 4 4	4 2 1 1 5 6 4 5 4	4222565544	4 2 2 2 5 6 5 5 4 4	4222465544	4 2 2 1 4 6 4 5 4	3322355544
11 12 13 14 15 16 17 18 19	4 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 2 3 2 2 2 2 2 2 2	4 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 2 3 2 2 2 2 1 2	4 4 2 2 2 2 2 2 1	4 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 2 3 2 2 2 2 2 2 2 2 2	4 4 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4424222222	44222222222	4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4423222222	4 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4423222222	4423222222	4 4 2 3 2 2 2 2 2 2 2 2	4433222222
21 22 23 24 25 26 27 28 29 30	22255565666	2225565666	2225565666	2225555666	2225555666	2225555566	22255556666	2225555566	22455555666	2255565666	2255655666	2255566666	2255566666	225566666666	2155666566	2255666666	2266656666	22556666666	2 1 5 6 5 6 6 5 6 6	2156566666	2255566666	2255566666	21555666666	2 1 5 5 5 5 6 6 6 6	2 2 4 5 5 6 6 6 6 6
MEAN	4	A	4	3		2	4			-		- 4					12					0.00	12	0.0	000

PERCENTAGE OF DATA VALID - 99

						ONT	ARIO	MINI	STRY	OF	THE 6	NVIR	ONMEN	T - A	IR M	ANAGEI	WENT	BRANG	ЭН							
	POLL	UTANT	r - sı	ULPHU	R DIO	XIDE							U	NITS	- PAR	TS PE	A HUNI	DREDM	ILLIO	N						
	STAT	ION -	w 0	LAKE	VIEW (GS			N	0 462	56		М	ONTH	JUL	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
2 3 4 5 6 7 8 9	4 5 4 4 4 4 2 3 2	4 4 4 4 2 3 2	4 4 4 2 3 2	4 4 4 4 4 2 3 3	445444223	4 4 4 4 4 2 2 3	5 4 4 4 4 4 2 2 3	4 4 4 4 4 2 2 3	4 4 4 4 4 2 2 2 2	4 4 4 4 4 2 2 2 2	4 4 4 4 2 3 2	4 4 4 4 4 2 3 2	4 4 4 4 3 2 3 2	4 4 4 4 4 2 2 2 2 2 2	4 4 4 4 4 2 2 2 2 2 2	4 4 4 4 4 2 2 2 2 2 2	4 4 4 4 2 2 2 2 2	4 4 4 4 2 2 2 2 2	4 4 4 4 2 2 2 2 2	4 4 5 4 4 1 2 2 2	4 4 4 5 4 2 3 2 2	4 4 4 4 4 2 2 2 2 2	4 4 4 2 3 3 2	4 4 4 4 4 2 4 2 2	4 4 4 4 3 2 2 2 2	
11 12 13 14 15 16 17 18 19	3 2 3 2 3 2 1 2	3 2 3 2 3 2 3 2 1 2 2 2	3 2 2 2 3 3 2 1 2 2	3 2 2 3 3 3 2 *****	3 2 2 3 3 1 **** 2 2 2	3 2 3 3 3 1 **** 2 2	3 2 3 3 3 1 ****	3 3 3 3 1 **** 2 2	33 32 31 1 22 22 2	233232	23322	233232	2322332	2222321222	222221211	222221222	1221	2 4 2 3 2 1 2 1	2 4 2 3 2 1 2 2 1	242333****2221	3232	23232	23232	233332	232332	
21 22 23 24 25 26 27 28 29 30	1 1 2 3 2 2 2 3 3	2111322233	1 1 2 3 2 2 2 3 3	2112322233	2 1 2 2 2 2 2 2 2 3	1 1 3 2 2 2 3 3	1 1 223222233	211222233	1 1 2 2 2 2 3 3	21223223	11000000000	2 1 1 2 2 2 2 3 3 3 3	1 1 2 2 2 3 3 3 3 3	11122223333	1 1 2 2 2 2 3 3 3 3	1 1 2 2 2 3 2 3 3	2 1 1 2 2 2 3 3 3 3	1 1 2 2 2 3 3 3 3 3	1 1 2 2 2 2 3 3 3	1 1 3 2 2 3 2 3 3	1 1 2 3 2 2 3 3 3 3 3	1 1 3 2 2 4 3 3 3	1 1 2 3 2 2 4 3 3 3	1 1 2 3 2 2 3 3 3 3	1 1 2 2 2 3 2 3 3	
31	3	3	3	3	3	3	3	3	3	3	3	3	• • • •	••••	••••	• • • •	••••	••••	••••	••••	••••	••••	••••	••••	••••	
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2		•	•	2	

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION	- w o	LAKE	/IEW (SS			N	4625	56		M	A HTMC	UG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	**** 1 1 1 2 2 1	**** 1 1 2 2 2 2	* * * * 1 1 2 2 2	**** 1 1 1 2 2 2	**** 1 1 2 1 2	**** 1 1 2 2 2	**** 1 1 2 2 1 1	**** 1 1 2 2 3 2	** * * * 1 1 2 1 2 2 2	**** 1 1 2 1 3 2	**** 1 1 2 2 3 2	* * * * * 1 1 1 2 1 2 2	DATA DATA DATA **** 1 1 2 2 2 2 2	MISSI MISSI MISSI **** 1 1 1 5 2	NG - NG - NG 1 1 1 2 2 3	1 1 1 2 2 2 2	1 1 1 1 1 2 2	1 1 1 1 2 2	1 1 1 2 2 2 2	1 1 1 2 2 2 2	1 1 1 2 2 2 2	1 1 1 2 2 2 2	1 1 2 2 2 2 2 2	1 1 1 2 2 1 2	1 1 2 2 2 2 2 2
11 12 13 14 15 16 17 18 19 20	2323355555	2 3 1 3 2 5 5 5 5 5 5	2213255455	2323255455	2313256555	2223255555	22133555555	2323356555	22233555555	3233355555555	33233555555	3323455555	33235555555	3333455555	3325455555	2223555555	3 2 3 3 4 5 5 5 5 5 5 5 5	32225555555	3232655555	32235555555	32235555555	32335555555	32335555555	32335555555	3223455555
21 22 23 24 25 26 27 28 29	56 1 0 1 1 1 0 2 3	56 1 0 1 1 1 0 1 3	56 1 0 1 1 1 0 1 3	56 1 0 1 1 1 0 1 3	56 1 0 1 1 0 0 1 3	5 7 1 0 1 0 0 0 1 3	5 7 1 0 1 1 0 0 1 3	5 6 1 0 1 1 0 0 1 3	5 6 1 0 1 1 0 0 1 3	56 1 0 1 1 0 1 1 3	5 1 1 0 0 1 0 2 2 3	6 1 0 1 1 0 2 1 3	5 1 0 0 1 0 1 1 3	6 1 0 0 0 0 1 3 3	5 1 0 0 0 1 2 3 3	5 1 0 0 0 0 0 0 1 3 3	5 1 0 1 1 0 1 1 3 3	5 1 1 0 0 0 2 3 3	6 1 0 1 1 0 0 2 3 3	8 1 0 1 1 0 0 2 3 3	6 1 0 1 0 0 0 1 3 3	6 1 0 1 1 0 0 2 3	6 1 0 1 1 0 0 2 3 3	6 1 0 0 1 0 0 2 3 3	5 3 1 0 1 1 0 1 2 3
31	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	3	4	3	3	3	3	3
MEAN	3	2	2	2	2	2	2	3	2	3	3	3	2	3	3	2	2	2	3	3	2	3	3	3	3

PERCENTAGE OF DATA VALID - 88

						ONTA	ARIO	MINIS	STRY	OF T	HE E	NVIR	ONMEN.	T - A1	R MA	NAGEN	MENT	BRANC	СН						
	POLL	UTANI	- SU	LPHUR	DIOX	IDE							U	NITS -	PART	rs per	R HUNE	REDMI	LLION	1					
	STAT	ION -	w o	LAKEV	IEW G	s			NC	4625	6		M	ONTH S	EP	72									
HOUR DAY	Ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	3 1	3 2 1	3 2 1	3 2 1	3 2 1	3 2 1	3 2 1	4 2 1	4 2 1	3 2 1	4 2 1	4 2 1	4 1	3 2 1	2 1	2 1	2 1	1	1 1	1	2 1 1	3 1 1	3 1 1	3 1 1	3 2 1
5 6 7 8 9	1	1	1	1	1	1	1	1	1	1	1	1	DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	****	***	***	****	****	****	***	****	****	****
11 12 13 14 15 16 17 18 19 20	2 2 2 2 4 4 2 4 3	**** 222244243	*** 222235243	* * * * * * 2 2 2 3 2 2 3 4 2 2 4 4	2 2 3 2 3 4 2 4 4	**** 223234244	2 2 3 2 4 4 2 4 3	* * * * * 2 3 2 2 4 4 4 2 4 3 3	* * * * 2 3 2 2 4 4 2 4	* * * * 232244254	* * * * 2 3 2 2 4 3 4 4 3 3	23 22 54 34 44 4	2 3 2 4 4 3 4 4	2 2 3 2 * * * * 4 3 4 4 3	2 2 3 2 * * * * 4 3 4 4 4	2 2 3 5 2 4 3 5 4 4	2 3 2 **** 4 3 5 4 4	2 2 3 2 * * * * 3 2 4 4 4	2 2 3 **** 3 3 2 4 4 4	2 2 3 **** 3 4 2 4 4 3	2 2 3 **** 4 4 2 4 4 3	2332442453	2332342443	2 2 2 4 4 2 4 4 3	* * * * 2 3 2 3 4 3 3 4 4
21 22 23 24 25 26 27 28 29 30	3433431122	3433431122	2433431122	2 4 3 3 4 3 1 1 2 2	3433330122	3434330122	3 4 3 4 3 3 0 1 2 2	344330222	3434330222	33333300000	33333000000	3334311222	3 3 4 3 1 1 2 2 2	3334311222	4334312222	4334312222	4334311122	4 3 3 4 3 1 1 2 2	4334311222	4 3 4 3 1 1 2 2	5334311221	5334312221	5334310001	4334312221	3334321222
MEAN	3	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3

	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN	ITS -	PART	S PER	HUND	REDMI	LLION							
	STATI	ON -	WOL	AKEVI	EW GS				NO	4625	6		MON	NTH O	CT :	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN	
1 2 3 4 5 6 7 8 9	222222111	22222211	222222111	222221212	222211312	222211411	2 2 2 1 1 3 1 2	2322221212	2322221113	3332221213	3322221210	3322221210	3322322210	3322311110	2322311110	2 3 2 3 2 1 1 1 0	33 32 1 1 1 0	2 2 3 3 2 1 1 1 0	2223221110	2 2 2 2 1 1 1 0	222221110	2222211110	222221110	2222211	222221211	
11 12 13 14 15 16 17 18 19	0202032344	0 2 0 2 0 3 1 3 4	0 1 0 2 0 1 1 3 3 4	0 1 0 2 0 3 0 3 4	0 1 0 1 0 4 0 3 3	0 1 0 1 0 1 0 3 3	0 1 0 4 0 1 0 3 3	1 0 1 0 1 0 3 3	1 0 4 0 1 0 3 3	2 1 0 1 0 1 0 3 3	2 1 0 1 0 1 1 4 3 5	1 1 2 1 0 1 3 4 3 6	1 0 1 0 1 3 4 3 4	1 1 2 1 0 1 3 4 3	1 1 1 1 0 1 3 4 3 3	1 1 0 0 1 3 4 3 3	1 0 0 0 1 3 3 3	1 1 0 0 0 1 3 3 3	1000013334	2 0 0 0 1 3 3 3	2000023334	3010023334	3020033434	3040233436	1 1 1 0 2 2 3 3 4	
21 22 23 24 25 26 27 28 29	5 4 4 3 0 0 1 2 1 0	5 4 4 3 0 0 1 2 1 0	5 4 4 3 0 0 1 1 1	5 4 4 3 0 1 1 1 1	5 4 4 3 0 1 1 1 1	5 4 3 0 1 1 1 1	5 4 3 3 1 1 1 1 0	5 4 3 3 1 1 1 1 0	5 4 3 3 1 1 1 1 0	5 4 3 4 0 1 1 1 0	5 4 3 4 0 1 1 1 0	5 4 3 4 0 1 2 1 1 0	5 4 4 3 0 1 2 1 0 0	5440012100	5440012100	5340002100	5 3 4 0 0 0 2 1 0	5 3 4 0 0 0 3 1 0	4 3 4 0 0 1 3 1 0 0	4 3 4 0 0 1 2 1 0 0	4440000100	4 3 4 0 0 1 2 1 0 0	4330012100	4331012100	5442012110	
31	0	0	0	0	1	1	1	2 *	•••	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 99

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIR	ONMEN.	T - AI	R MA	NAGEN	ENT	BRANC	ЭН							
	POLL	UTAN	r - su	JLPHUR	DIOX	IDE							U	NITS -	PAR1	S PER	HUND	REDMI	LLION	ı						
	STAT	ION -	w 0	LAKEV	IEW G	iS			NO	4625	6		M	ONTH N	ov	72										
HOUR DAY 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
2 3 4 5 6 7 8	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	111100	1 1 1 1 0 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0 0	1 1 1 0 0	1 1 1 1 0 0	1 1 0 0 0 0	1 1 0 0 0 0	1 1 0 0 0 0	1 1 0 0 0	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 1 0	
10													DATA	MISSI	NG -		77.57	7.777	2777	Ü	U	U	U	U		
11 12 13 14 15 16 17 18 19	0 1 1 2 2 2 2 1	0 1 1 2 2 2 2 1	0 1 1 2 2 1 2 1	0 0 1 1 2 2 1 2	0 0 1 1 1 2 1 2	0 0 1 1 1 2 1 2	0 0 1 1 1 2 1 1	0 0 1 1 1 2 1 2	0 0 1 1 1 2 1 1	0 0 1 1 2 2 1 2	0 1 1 1 1 2 2 2	0 1 1 1 2 2 1 2	DATA 1 1 1 1 6 2 2 1 2	MISSI 0 1 1 1 8 2 2 1 2	NG - 0 1 1 5 2 2 1 2	0 1 1 1 4 2 2 1 2	0 1 1 2 4 2 2 1 2	0 1 1 2 4 2 2 1 2	0 1 1 2 3 2 2 1 2	0 1 1 2 3 2 1 1 2	0 1 1 2 3 2 1 1 2	0 1 1 1 2 2 1 1 2	0 1 1 1 2 2 1 1	0 1 1 2 2 2 1 1 2	0 1 1 3 2 1 1 2	
21 22 23 24 25 26 27 28 29 30	2222222200	2222422200	2 2 2 2 2 2 2 0 0	2 3 2 2 2 2 2 2 2 3 0	2222222302	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	222222402	222222500	2 2 2 2 3 0 0	222222200	2 2 3 3 2 2 2 1 0	2222322000	2 2 2 3 2 0 0	222222000	2223222000	2 2 2 2 2 2 2 0 0 0	2223322000	3223322000	3222222000	3222222000	3 2 3 2 2 2 0 1 0	2223222030	222322010	2223222012	2223222100	
MEAN	1	1	1	1	1	1	1	1	1	1	4	1	-	•	1		•	- 1	•	-		4		.4		

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	JTANT	- s	ULPHUF	R DIOX	IDE	.,,,,,,,						U	NITS -	PART	rs PEF	R HUNG	DREDMI	LLION	ı					
	STAT	ION -	w o	LAKE	/IEW G	SS			NO	4625	6		MC	NTH [DEC	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	1002021212	3001021112	1 0 0 1 0 2 1 1 1 2	10001100211112	3 0 0 0 0 2 1 1 1 2	2 0 0 0 0 2 1 2	20000021112	1 0 0 1 0 2 1 1 1 1 2	0 0 0 1 0 2 1 1 1 1 2	0 1 0 1 0 1 1 1 1 2 2	0 0 0 1 1 1 1 1 1 2 2	0 0 0 0 2 1 1 1 2	0 1 0 0 2 1 1 1 2	0 0 0 0 3 1 1 1 1 2	0 0 0 0 1 1 1 1 2	0 1 0 0 2 1 1 1 1 2	0 0 0 0 2 0 1 1 1 2	0 1 0 0 2 0 1 1 1 2	000000011121	0 0 0 0 2 0 1 1 1 2	0 0 0 0 0 3 0 1 1 2 1	0 0 1 0 2 0 2 1 2 1	0020212121	0 0 2 0 2 1 2 1 2 1 2	1 0 0 0 1 1 1 1 1 2 1
11 12 13 14 15 16 17 18	1 1 2 2 2 5 3 2	1 *** 1 1 2 2 2 3 3 1	1 **** 2 1 2 1 2 3 3 1	1 1 1 2 1 1 3 2	1 1 2 1 1 3 3 1	1 **** 1 1 2 1 1 2 3 2	1 * * * * 1 1 2 1 1 2 2 2 2	1 * * * * 1 2 4 1 1 1 2 2 2	1 **** 1 2 2 1 1 2 3 2	1 **** 2 2 2 1 1 2 3 2	2 *** 2 2 2 1 1 2 3 2	* * * * 2 2 2 2 2 1 2 3 2	**** 2 2 2 2 2 1 3 2 2	**** 22 22 23 15 22	**** 2 2 6 2 2 1 3 1	**** 2 1 2 2 2 1 3 1 2	**** 1 1 2 2 2 1 3 1 2	**** 1 1 2 2 1 1 3 1 2	* * * * * 1 1 2 2 1 3 3 2 1	**** 1 1 2 2 1 3 3 2 1	* * * * 1 1 3 2 2 3 3 2 1	* * * * * 2 1 3 2 2 2 4 2 1	**** 2 1 2 2 2 2 2 3 2 1	* * * * * 2 1 2 2 5 5 3 2 1	* * * * * * * * * * * * * * * * * * *
21 22 23 24 25 26 27 29 30	1 1 0 0 1 1 1 1 2 2 2 2	1100111222	1 1 0 0 1 0 1 2 2 2 2	1000011200221	1000120221	1 0 0 0 1 1 0 2 2	1 1 0 0 0 1 0 2 2 1	1 1 0 0 0 0 0 0 2 2 1	1 1 0 0 0 0 0 0 0 2 2 1	1 1 0 0 0 0 0 0 2 2 1	1 1 0 0 0 0 0 0 2 2	1 0 0 0 0 0 0 0 3 2 1	1 0 0 0 0 0 2 3 3 2	10000002332	1 0 0 0 0 0 2 3 3 2	200000000000000000000000000000000000000	100000000000000000000000000000000000000	10000002222	1001012222	1001012222	1 0 0 1 0 1 2 2 2 2	10000011122222	10000011122222	10000011122222	100000111222
31	2	2	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - W O LAKEVIEW GS

NO 46256

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA M	ISSING	
FEB		DATA M	ISSING	
MAR		DATA M	ISSING	
APR	13	1	2	4
MAY	31	3	5	8
JUN	30	4	6	6
JUL	31	3	4	5
AUG	28	3	5	8
SEP	25	3	4	5
OCT	31	2	5	6
NOV	28	1	3	8
DEC	31	1	3	6
YEAR	248	2	6	8

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANA	GEMENT BRANK	ЭН	
MONTHLY G	ROUP FREQU	ENCY CLASSIFI	CATION FOR	72					
POLLUTANT	- SULPHUR	DIOXIDE			UNIT	- PARTS PER	HUNDREDMILL:	ION	
STATION -	W O LAKEV	IEW GS	NO	46256					
	00 TO 04	05 TO 10	11 TO 14 1	5 TO 25	26 TO 39	40 &OVER	TOTAL		
JAN		DATA MISSING							
FEB		DATA MISSING							
MAR		DATA MISSING							
APR	300	0	0	0	0	0	300		
MAY	694	44	0	0	0	0	738		
JUN	454	265	0	0	0	0	719		
JUL	695	8	0	0	0	0	703		
AUG	495	163	0	0	o	0	658		
SEP	559	10	0	0	0	0	569		
ост	722	21	0	0	0	0	743		
NOV	641	4	0	0	0	O	645		
DEC	715	5	0	0	0	0	720		
YEAR	5275	520	0	0	0	0	5795		
FREQUENCY	DISTRIBUT	ION BY PERCEN	TILES						
	PERCENT			FREQUEN	CONCENTRA	TIONS TION, PERCEN	-		ARITH
	OF DATA VALID	MIN	10 30	50	70 70	90 95	98	99 MAX	
	87	0	0.3 0.9	1.5	2.4	3.9 4.7	5.4	5.7	2.2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HIGHWAY 7 AND 400 TORONTO NO 48001 MONTH JAN HOUR DAY 13 14 15 21 22 24 MEAN 2 3 4 5 6 7 8 9 10 DATA MISSING 12 13 14 15 16 17 18 19 20 DATA MISSING 3 **** 5 3 5 8 0 2 3 2 3 1 6 8 2 2 4 1 2 3 5 1 2 3 2 1 2 3 1 3 3 1 3 22 23 24 25 26 27 28 29 30 2 5 1 3 6

 PERCENTAGE OF DATA VALID -

 MEAN

	UNTARIU	WINTPLHI	UF	INC	ENVIRONMENT - AIR MANAGEMENT BRANCH
POLLUTANT -	SULPHUR DIOXIDE				UNITS - PARTS PER HUNDREDMILLION

	STAT	ION -	HIGH	WAY 7	AND	400 T	ORONTO)	NO	4800	1		MOI	NTH F	ЕВ .	72									
HOUR DAY	3	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	4 3 5 7 3 8 3 4 4 10	5355375459	5354368459	5 3 4 4 3 7 12 4 5 9	6 2 5 4 3 7 4 3 5 9	7 3 5 4 3 7 13 4 5 8	7 3 5 4 3 7 1 1 4 5 8	7 3 4 4 3 7 125 55 8	5363372556	5353371456	**** 4 5 3 3 6 8 ****	363355246	2 3 5 3 7 4 3 4 5	2353364445	23733443445	2453335445	3 4 5 4 3 3 7 4 5 5 5	2 3 6 3 4 4 7 3 6 5	2 4 7 3 4 5 7 4 8 5	2 4 8 3 5 7 4 8 5	2 3 9 3 5 6 7 4 8 5	3 7 3 7 5 6 4 9 5	3363955495	2 4 9 3 7 4 4 4 10 5	4 3 6 4 4 6 8 4 6 6
11 12 13 14 15 16 17 18 19	3 7 12 5 5 0 1 1 3 0	3 6 7 0 0 1 1 0	3 7 13 7 7 8 1 1	3 8 12 7 11 13 1	3 11 11 7 12 7 1	3 13 9 8 12 5 1	4 13 9 8 13 4 1 1	5 15 9 17 10 4 1	5 17 7 7 7 31 1 1	5 196 4 5 2 1 2 1 1	5 20 7 **** 3 2 1 1 1	5 20 7 1 3 2 1 1	6 19 7 1 1 1 1 2 1	7 19 7 1 0 1 1 2 0 1	7 19 7 1 0 0 1 2 0	9 21 7 4 00 00 20 3	12 25 6 3 0 0 0 2 6 3	13 25 6 3 1 0 0 2	9 25 6 0 0 0 0 2	7 25 6 0 0 0 0 2	6 33 6 0 0 1 0 3 0	7 16 5 0 1 1 1 2 0 1	7 15 5 3 1 1 1 2 0 1	7 13 5 5 1 3 0 3 0	6 17 8 4 4 1 2 1
21 22 23 24 25 26 27 28 29	1 1 1 1 4 7 6 9	2 1 2 1 4 6 6 8 10	3 1 2 1 4 6 6 7 7	6 1 2 0 5 6 7 7	7 2 2 0 5 6 8 7 7	5 1 1 0 5 6 8 7	2 2 1 1 5 7 7 6	4 2 1 1 5 7 7 7	4 1 1 5 6 7 7 6	3 3 2 1 5 6 7 7 6	3 1 1 1 6 6 8 7	3 1 1 * * * * 9 6 9 7	3 2 0 **** 9 7 9 7	2 2 0 1 8 7 9 7 2	2 0 1 8 7 11 7	1 2 1 1 9 7 12 8 3	2 1 1 8 6 11 10 8	1 1 1 8 6 10 12	1 1 1 7 5 15 12	1 1 1 2 6 6 19 12	1 1 2 7 6 16 13 12	1 1 1 7 5 17 12 7	0 1 1 2 7 6 13 12 6	0 1 1 2 7 6 11 12 6	2 1 1 6 6 10 9
MEAN	4	4	5	5	5	5	5	6	6	5	5	4	4	4	4	4	5	5	5	5	6	5	5	5	5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HIGHWAY 7 AND 400 TORONTO NO 48001 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 1 1 1 1 0 4 0 1 2 2 3 2 1 1 5 1 1 0 1 1 1 1 1 1 1 1 1 6 2 1 3 3 1 1 3 123 134 155 166 177 188 199 20 21 222 232 244 256 228 239 30 4 2 3 4 3 1 2 18 7 4 2 3 3 . 4 2 2 11 3 14 7 5 6 4 2 2 8 3 11 3 8 7 4 2 2 9 3 9 2 1 1 7 3 3 7 3 11 3 16 4 4 2 3 5 3 5 2 2 0 3 3 ** 1 0 2 3 1 0 3 2 1 3 1 3 4 MEAN

PERCENTAGE OF DATA VALID - 98

					ONT	ARIO	MINI	STRY	OF '	THE E	ENVIR	ONMEN	T - AI	R M	ANAGEN	ENT	BRANC	ж						
	POLLUTA	NT +	SULPHU	R DIO	XIDE							U	NITS -	PAR	TS PER	HUND	REDMI	LLION	1					
	STATION	- н	IGHWAY	7 AND	400	TORONT	0	NO	480	01		M	ONTH A	PR	72									
HOUR	1	2	3 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	7 3 4 5 5 4 2 2 5 3	6 3 4 5 5 4 2 7 3	5345541363	5 4 4 5 3 1 4 3 3	5 4 4 5 4 4 1 3 3 3	5 3 4 5 4 3 1 3 3 3	6 4 4 5 4 3 1 3 3 4	7 4 4 4 3 2 3 3 4	17 4 4 4 3 3 3 3	6 4 4 3 3 3 3 3 4	4 4 3 3 3 **** 3 3 4	4 4 3 3 4 1 3 3 3 3 3 3 3 3	5 4 4 3 4 2 3 3 3 4	6 4 4 3 4 2 3 3 4	93444323333	11 35 4 4 3 2 3 3	10 35 54 4 4 2 2 3 3 5	6 4 4 4 4 0 1 2 3 5	5 4 4 5 4 0 2 2 3 6	4 4 4 1 2 2 3 7	4 5 4 4 3 2 2 3 7	3544552237	3554542336	6 4 4 4 3 2 3 3 4
11 12 13 14 15 16 17 18 19	5 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	5 1 1 0 1 0 1 1 1	5 5 1 1 1 0 0 2 2 0 0 0 0 0 0	5 1 1 0 1 0 0 1 2	5 1 0 1 0 0 2 1 2	5 1 0 1 0 0 1 1	4 1 0 0 0 0 0 2 1	4 2 1 0 0 1 0 2 1	5 3 0 1 0 3 1 5 0 1	5 0 1 3 1	2 7 0 1 1 0 1 	2 7 1 0 0 1 5 0	2821000350	2 4 2 2 0 0 1 5	0.000000000000000000000000000000000000	2 2 1 3 1 0 0 2 0	2 2 1 1 0 1 0 2	2 1 0 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 1 1 0	1 2 0 0 0 0 0 0 0 1	4 2 0 0 0 0 0 1	4 2 0 0 0 0 0 1	1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	1 1 0 2 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1	3 3 1 1 0 0 2
21 22 23 24 25 26 27 28 29 30	2	1 1 2 1 2 2 2 3 5	1 1 1 1 3 3 3 1 1 1 2 2 2 2 2 3 2 2 3 5 5 5	2 1 2 1 1 3 3 3 5	2 1 2 1 1 3 3 3 5	2 1 2 2 1 3 3 3 5	22221	2 2 3 2 1 3 4 3 5	2 2 3 2 1 3 3 3 5	2 2 3 1 2 3 3 3 5	1 2 2 1 **** 3 3 3 5	1 2 2 1 **** 1 3 3 3 5	2 2 2 1 2 3 3 4 5	1 22 1 •••• 4 3 4 5 5	1 2 2 2 3 3 5 7	1 2 1 2 3 3 3 5 7	1 1 2 •••• 3 3 3 4 6	1 1 2 2 **** 3 3 3 4 7	1 1 2 •••• 3 4 3 4 6	2 1 1 3 3 3 5 6	2 1 1 1 3 3 3 5 6	1 2 1 1 3 3 3 5	1 2 2 1 3 3 4 4	1 2 2 1 3 3 4 6
MEAN	2	3	2 2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	2	2	2	3	3	3	3

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - HIGHWAY 7 AND 400 TORONTO NO MONTH MAY 24 MEAN 9 3 0 1 4 11 52 0 1 2 1 * 9 3 0 1 4 8 3 0 1 3 2 0 2 4 1 1 **** 3 0 1 4 0 1 2 1 1 0 1 DATA MISSING 0 0 1 24 * MEAN

PERCENTAGE OF DATA VALID - 45

						ONTA	RIO	MINIS	STRY	OF T	HE E	NVIR	NMEN.	r - A1	IR MA	ANAGEN	MENT	BRANC	Н						
	POLLUT	TANT	- SUL	PHUR	DIOX	IDE							U	NITS -	PART	TS PER	HUND	REDMI	LLION						
	STATIO	ON -	HIGHW	AY 7	AND	400 T	DRONT	0	NO	4800	11		MC	ONTH .	JUN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	0 1 2 2 1 1 1 0	0 1 2 1 1 1 1 0 1	0 1 2 1 1 1 1 0 1	1 1 2 0 1 1 1 1 0 1	1 1 0 1 1 1 0 1	1 1 0 1 2 1 1 0 1	1 2 0 1 1 1 0 1	1 1 2 0 1 1 1 1 1 1 1	1 1 3 0 1 1 1 1 1 1 1	2 1 3 0 1 2 1 1 0 1	1 2 1 1 2 1 1 0	1 2 1 1 1 2 1 1 1	1 2 0 0 **** 2 1 0 1 1	1 **** 0 1 **** 2 2 ****	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 6 1 1 1	1 12 1 3 1 1 1 1 1 1	1 8 0 1 3 2 1 1 1 1 1	17113111	1 3 1 1 2 1 1	1 2 1 1 1 1 1 1 1 2	2 1 1 1 1 0 1 2	2 3 1 1 1 1 1 0 1 2	132111012	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	1 1 4 2 1 1 4 3 3 2	1 1 4 2 1 1 4 3 3 2	1 1 4 2 1 1 4 3 3 2 2	1 1 4 2 1 1 4 3 3 2 2	1 1 4 4 1 1 3 3 3 2 2	1 1 4 5 1 1 3 3 3 2	2 4 6 1 1 4 4 3 3	2 2 **** 7 1 1 3 3 3 5	2 2 **** 6 1 1 3 3 3 5	2 2 **** 6 1 1 3 3 4 5	2 2 * * * * 5 1 2 4 3 6 4	2 2 2 3 0 2 4 3 4 4	1 3 ***** 3 0 2 4 3 4 3	1 **** **** 0 **** 4 3 5 3	1 4 2 0 **** 4 3 7	1 3 **** 2 1 **** 4 3 3 3	1 3 **** 2 1 2 4 3 3 3	1 3 3 2 1 2 4 3 4 3	1532134333	1522133332	1 5 2 1 1 3 3 3 3 3 2	1 4 2 1 1 3 4 3 3 2	1 5 2 1 1 3 4 3 3 3	1 4 2 1 1 4 4 3 3 3 3	1 3 **** 3 1 2 4 3 4 3
21 22 23 24 25 26 27 28 29 30	3210110	3 2 1 1 1 1 0	3 2 1 1 1 1 0	3211110	2 2 1 1 1 1 0	2 1 1 1 1 1 0	2 1 1 1 1 1 0	2211210	2221311	2221310	2 2 2 1 3 1 0	2 2 2 3 1 3 1 4 4 4 4	DATA	2 2 1 1 2 1 **** MISSI MISSI MISSI	ING -	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 6 6	2 2 1 1 1 4	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 2 2 1	2 1 1 1 1 1 1 1 * * * *	2 2 1 1 1 1 1 ****	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 2 1 * * * *
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DICXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO MONTH NOV HOUR DAY 1 2 3 4 4 5 6 7 8 9 1 0 1 1 2 1 3 1 1 4 1 5 6 1 7 1 1 8 9 2 0 2 1 2 2 2 3 4 2 2 6 7 2 8 9 3 0 10 12 13 14 15 16 17 18 19 20 22 23 24 MEAN DATA MISSING MEAN

PERCENTAGE OF DATA VALID -

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT	ATR	MANAGEMENT	BRANCH

4

3

	POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HIGHWAY 7 AND 400 TORONTO NO 48001 MONTH DEC 72																									
	POLLU	JTANT	- SUL	PHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUNDE	REDMI	LION							
	STATI	ON -	HIGHW	AY 7	AND 4	400 T	ORONTO		NO	48001			MO	NTH D	EC	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4	2 1 1	2 1 1 1	1	2 1 1	0 1 0	1 0 1 0	1 0 1	1 0	1 0 1	1 1 1	1	1 1	1	1 2 1	0 1 2	0 2	0 1 1	1	1 2 1	1	1	1 1	1	1 1	1 1	
5	****							Ċ				- 1	DATÁ	MISSI	NG -				-1		1	21.	1.		3.	
7 8 9	1 0 0	0 0 1	0 1	1 0 1	0	1 0 1 0	1 0 0	1 1 0	1 1 1 0	1 0 1 0	1 1 1 1	1 1 1 0	1 1 1 0	1 1 1 0	1 1 0	0 0 1 0	1 0 1 1	0 0 1 1	1 0 1 0	0 0 1	1 0 1 1	1 0 1 1	1 1 0	1 0 1 1 0	1 1 1 1 0	
11 12 13 14 15 16 17 18 19 20	0 0 1 1 0 2 0	0 0 1 0 1 0 2 0	0 0 1 0 0 0 1 1 1 1 1 1	0 0 1 0 1 0 2 1 1 1 1	0 0 1 0 2 1 2 1	0 0 1 0 0 0 2 1 1	0 0 1 0 0 0 2 2 1 1	0 1 1 0 0 0 2 2 1 1	0 1 1 0 0 0 1 2 1	0 1 1 0 0 0 2 2 2	0 0 1 1 0 1 2 2 2 1	1 0 1 1 0 1 2 2 2 0	0 1 1 1 0 1 2 3 2	0 1 1 0 1 1 2 1	1 1 0 0 0 1 1 2 1 1	1 1 0 0 1 1 2 2 1	1 1 0 0 0 1 1 1 1 1	0 0 0 0 1 0 1 1 1 1	0 1 0 0 0 1 0 2 1	0 1 0 0 0 1 0 2 1 1	0100010211	0100010211	0 1 0 0 0 2 0 2 1	0 1 0 0 0 1 0 2 1 1	0 1 1 0 0 1 1 2 1	
21 22 23 24 25 26 27 28 29	1 1 1 1 1 1 1 2 1 1 0 0	1 1 1 1 1 1 0 1 0 0	0 1 1 1 1 1 0 0	1 0 1 1 1 0 0 0	0 1 0 1 1 1 0 0 0 0 0	0 1 1 1 1 0 0 0 0 1	0 1 1 1 1 1 0 0 0 0 0 0	0 1 1 1 0 1 1 0 0	0 0 1 1 0 0 1 0 0	0 1 0 1 1 0 0 0	00011111201	0 1 0 1 1 2 1 1	1 1 1 1 1 1 2 0 1	1 1 1 0 1 1 1 0	1 1 1 2 1 1 1 1 0	1 1 1 2 0 1 1 1 0 1	1 0 0 1 1 1 1 0 0 0	1 1 0 1 0 1 1 0 0 0 0	1 1 0 1 0 1 1 0 0 0 0	1 0 0 0 1 1 1 0 0 0 1	1 0 1 1 1 1 0 0 0	1 1 0 1 1 1 1 1 0 0 0	1 0 1 1 1 1 1 0 0	1 1 0 1 1 1 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	1	1	1	1			1	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - HIGHWAY 7 AND 400 TORONTO NO 48001

30

187

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN

0

1.0

0.2

30

0.6

1.2

PERCENT OF DATA

VALID

73

SEP

OCT

NOV

DEC

YEAR

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION MONTH DAYS OF VALID DATA AVERAGE CONC. 24-HOUR MAXIMUM MAXIMUM READING JAN 23 6 18 3 FEB 29 5 17 33 MAR 31 3 20 8 APR 30 6 17 3 MAY 16 2 10 17 JUN 27 12 JUL DATA MISSING AUG DATA MISSING

DATA MISSING

DATA MISSING

0

2

17

4

3

33

ARITH MEAN

2.6

MAX

33

2

1

3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - HIGHWAY 7 AND 400 TORONTO NO 48001 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL 7 JAN 413 74 5 0 0 499 FEB 361 263 20 2 0 39 685 MAR 621 96 14 3 0 0 734 APR 569 95 0 0 666 MAY 293 38 6 2 0 0 339 JUN 593 20 0 0 614 JUL DATA MISSING AUG DATA MISSING SEP DATA MISSING OCT DATA MISSING NOV 0 0 0 12 DEC 717 0 0 0 0 0 717 YEAR 3579 586 68 31 4266

5.2

PERCENT

7.0

98

10.7

99

12.8

FREQUENCY DISTRIBUTION, 50 70 90

2.6

						ONIT	ARIO	MINIT	e T D V	۰.	TUE 1	-	O. W. C. L.						411						
	POLL	UTANT	- SI	JLPHUR	ртох		MNIU	WINT	SIRT	UF	INE E	ENVIR	ONMEN						JH [LLION	r					
				ONALD			TTAWA		N	0 510	0.1			ONTH ,		72	n nuni	DHEDW.	LLLION	•					
HOUR DAY	1	2	3	4	5	6	7	8		F. F. F.	11	12			15		17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 6 6 2 3	0 0 1 8 6 2 3	0 0 1 9 6 3 4	0 0 1 7 6 3 3	0 0 2 8 6 3 4	0 0 3 4 6 4 5 3	00 02 4 6 4 5 3	0 0 3 4 6 5 6 4	3 5 6 5 4	0 2 5 6 4 6 5	0 2 2 2 5 7 5 4	03236953	DATA 0 3 2 4 5 8 4 2	MISS: 0 3 2 4 6 13 4 2	0 2 2 4 6 8	0 2 3 4 5 5	0 2 3 4 6 5	00 22 4 33 4 5	0 2 6 4 3 3 4 3	0 2 4 4 3 3 4 3	0 1 4 5 2 3 4	0 1 5 6 2 3 4 2	1 0 1 5 7 2 3 4 2	0 0 1 8 6 2 3 4 2	0 1 3 5 5 5 4 3
11 12 13 14 15 16 17 18 19	3 4 2 1 4 2 3 5 3	3 1 1 7 2 4 4 2	3 0 1 5 2 4 4 3 4	4 3 0 2 4 2 3 4 3 3	4 3 0 1 5 2 4 5 2	4 3 0 2 6 3 4 4 4 4 2	4 2 0 2 6 3 4 4 4 3	6 3 2 5 4 4 4 4	5582 434 34 432	6 5 4 3 3 4 4 4 4 3	5 4 2 4 4 5 4 4	5 3 4 9 2 3 	5 3 6 2 3 3 8 2	4 4 4 •••• 2 4 16 2 4	3 4 2 2 4 8 2 4 0	3 **** 4 2 2 5 6 2 4 1	3222246432	3 1 2 2 5 4 4 4 2	3312265442	4 2 1 2 2 6 6 4 4 2	42 1 22 7 7 4 4 3	4 2 2 2 2 6 7 3 4 2	3233235341	4223236241	4 3 2 2 3 4 6 4 4 2
21 22 23 24 25 26 27 28 29 30	1 2 1 1 1 2 8 8 4 3	1 3 3 2 1 2 6 9 4 3	2443224652	2 7 3 3 2 2 4 7 5	2522224954	2332433754	2 3 4 2 3 4 3 8 4	2342343645	2 2 5 3 4 4 7 7	2 2 3 4 4 5 11 7	22 4 3 3 4 6 4 11 7	2 4 9 3 4 6 10 5	34 65 9 6	2225445567	4 2 1 8 3 3 4 5 3 4	5213243533	5212243434	42122433334	4212344335	5212435334	4222544345	4 2 2 2 3 6 5 3 4 5	3222266445	2 2 1 1 2 5 8 5 4 5	3323345555
31	8	9	9	8	7	7	7	8	••••	• • • •	6	4	4	5	4	3	5	6	5	5	9	8	8	8	7
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	3	4	3	3	3	4

PERCENTAGE OF DATA VALID - 91

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																								
	POLLUTANT - SULPHUR DIOXIDE									UNITS - PARTS PER HUNDREDMILLION															
	STATION - MACDONALD					OTT	AWA		N	5100	1		MO	NTH F	EB	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	5422383464	6322382452	63222102456	8 2 2 2 2 8 2 4 6 5	7 3 2 1 2 6 3 4 6	11 3 2 2 4 7 3 4 6	8322523566	5 2 3 5 4 3 4 7	52255444 87	5 2 4 6 4 2 5 18 5	5 1 2 2 5 4 3 6 7 5	4 1 2 2 5 5 2 4 5 4	3 1 2 2 3 3 3 3 6 4	3 1 2 1 3 4 2 5 4 4	6 1 2 2 3 3 3 5 4 4	7 2 2 3 4 2 6 5 3	1 1 2 3 4 2 8 4 3	3 2 1 3 3 3 4 10 4	3 2 1 4 4 2 5 11	3225642443	1 3 10 6 3 7 4 3	4 2 3 1 1 5 3 6 6 8	4225933668	3 2 2 4 1 1 3 4 4 5 6	5223553565
11 12 13 14 15 16 17 18 19 20	4851323221	4 6 7 2 3 2 3 3 3 1	8 6 6 2 3 2 4 3 3 2	13 7 7 2 3 3 5 4 3	87-6234 4333	11 86 23 34 23 1	10 7 5 2 3 4 3 2 3 1	8862333223	10 5 6 2 3 1 3 2 3 2	13 6 6 2 3 1	18673213232	16 8 3 2 2 2 2 2 3 2	19 4 7 4 2 1 1 3 2 2	17 4 6 3 1 2 2 3 2 2	7353222322	6443322222	6 4 4 4 3 3 1 3 2 2	4 3 4 4 3 3 1 3 2 2	4 3 3 5 3 4 1 3 2 3	4 3 2 8 4 4 1 3 3 2	4 4 2 5 4 3 2 3 2 2	4 4 2 5 4 3 2 3 2 3	5424212323	7 4 2 3 2 2 2 3 2 4	9553322332
21 22 23 24 25 26 27 28 29	4 3 8 2 4 6 7 4 3	6 2 5 2 4 4 5 4 3	3 2 6 3 5 4 6 3 3	3 8 3 7 4 4 4 3	228344641	3 6 3 7 4 5 4	3 9 2 10 4 10 4	3 2 8 2 7 5 11 8	3 2 8 2 5 4 8 9 1	3 9 3 6 5 6 14	3 2 4 **** 6 4 12	2 3 3 6 4 5	2 3 10 6 3 6 7 5	2 2 3 3 6 4	2223	222642543	2 2 2 3 4 7 5 3 5	222454434	2 3 2 4 4 5 4 3 4	3 4 2 3 4 4 5 2 2	422544532	3 2 2 4 4 8 4 3 3	2 3 3 7 4 8 4 3 2	3 11 2 5 4 9 4 3 2	335455553
MEAN	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3	4	3	3	4	3	4	4	4	4	4

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - MACDONALD GDNS OTTAWA NO 51001 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 5 **** 3 2 3 1 1 1 2 2 1 2 2 1 1 2 1 0 0 1 2 2 2 0 2 **** ò MEAN

PERCENTAGE OF DATA VALID - 88

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																							
	POLLU	TANT	- SUL	PHUR	DIOXI	DE	UNITS - PARTS PER HUNDREDMILLION																	
	STATIO	- NC	MACDO	NALD	GDNS.	OTTAWA		NO	5100	13		MONTH APR 72												
HOUR DAY	1	2	3	4	5	6 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 23 4 5 6 7 8 9	3 3 4 4 3 2 0 0 1 1	3333330001	4 3 3 3 3 3 1 0 0 1	3342330001	3333431002	3 3 4 3 4 3 3 3 3 3 4 1 0 0 1 1 1	3363331002	4393231012	9 4 10 2 2 2 1 0 0	5472231005	4 4 5 2 2 3 1 0 0 5	5352230004	4452221003	4 4 5 2 2 2 2 8 8 8 9 0 0 0 5 5 5	3 5 2 2 1 1 0 0 4	4 3 4 2 1 0 0 0 3	4 3 4 2 2 1 0 0 1 2	3342200012	3 4 4 2 2 1 0 0 2 2	3 3 4 3 2 1 0 0 1 2	3342210011	4 3 7 2 3 0 0 1 2 2	3 6 2 3 1 0 0 1 2	4352220012
11 12 13 14 15 16 17 18 19 20	3221111212	3321212312	3321212319	4 2 1 2 1 3 3 2 4	4221213322	5 2 2 2 1 1 2 2 1 2 2 3 3 2 2 3 3 3 2 2 3 3 3 3	522222412	4312224512	3 11 1 2 1 2 **** 4 1 ****	2911112****32****	2 3 * * * * * 2 1 2 4 2 1 1	3 1 3 1 2 2 2 1 2	2413123222	2312122122	2 2 1 2 2 1 2 2 2	2 1 2 1 2 1 2 1 1 2 2	2 2 1 2 2 1 2 2	2211122112	2 2 1 2 1 2 1 2 2	2 2 1 1 1 1 2 1 2 2	2211112122	3211112122	2 1 1 1 1 2 1 1 2	3312122222
21 22 23 24 25 26 27 28 29	2 2 1 1 1 2 0	121110	2 1 1 1 2 0	2 2 1 1 1 0 0	2 2 1 1 0 0	2 2 2 2 1 1 1 1 0 0 0 0	1 2 1 1 0 1 0	1 2 1 1 0 0	0 2 1 1 0 0	1 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	×:	DATA	1 2 1 1 1 0 **** MISSI MISSI MISSI	NG -	1 2 1 1 1 1 0 ****	1 2 1 1 1 0 ****	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	2 2 2 1 1 1 ****	2 2 1 1 1 ****		2 1 2 1 1 ****	2 2 1 1 1 0 0 ****
MEAN	2	2	2	2	2	2 2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA NO 51001 MONTH OCT 72 HOUR DAY 1 2 3 4 4 5 6 6 7 8 9 9 10 112 134 15 6 117 118 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 0 6 5 10 12 15 16 20 22 23 24 MEAN DATA MISSING 0 0 0 DATA MISSING 31 - DATA MISSING -MEAN

PERCENTAGE OF DATA VALID - 6

					7	ONTARIO	MINIS	SIHY	OF T	HE E	NVIR	NMENT	- AI	R MA	NAGEM	ENT I	BRANCH	4						
	POLL	JTANT	- SU	LPHUR	DIOXI	DE						UN	ITS -	PART	S PER	HUNDE	REDMI	LION						
	STATION - MACDONALD GDNS.			OTTAW	A	NO 51001 MONTH NOV 72																		
HOUR		2	3	4	5	6	7 8	9	10	11	12		14	15	16	17	18	19	20	21	22	23	24 M	EAN
2 3 4 5 6 7 8 9	2 0 1 1 1 2 2 1	2 0 1 1 1 2 2 1 1	2 0 1 1 2 2 2 1 1	2 1 1 1 2 2 1 2	2 1 1 1 2 2 1 1	2 0 1 1 2 2 2 2	1 1 0 0 1 1 1 1 2 3 2 2 2 2 1 1	1 0 1 1 5 2 1	1 1 1 7 3 1 1	1 1 1 3 3 1 1	1 1 1 2 3 1 2 1	1 1 1 1 1 2 1 2	1 1 1 2 3 1 2	1 1 2 2 1 1 1 1	1 1 1 2 2 1 1 1 1	2 1 1 1 2 2 1 2 1	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 2 1 1 1 1 1	2 1 1 1 2 1 1 1 1	2 1 1 1 2 2 1 2 1	2 1 1 1 2 2 1 1 1 1	2 • 0 1 1 1 2 2 1 1 1 1	1 1 1 2 2 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 3 2 2 2 4 2 2 2 2	1 1 3 2 2 2 3 2 2 2 2 2	2 1 4 2 2 3 2 2 2 2 2 2 2	2 1 3 3 2 2 3 3 2 2 2 2 2	2 2 2 3 3 2 2 3 5 3 2 2 2 2	22332233222	2 3 3 2 2 5 3 4 3 2	2 5 3 2 2 3 3 7 3 2	1 4 2 2 2 2 3 7 3 2	1 4 2 2 3 7 3 2	1 4 2 2 0 3 3 5 3 3	1 2 2 2 1 2 2 3 3 2	1 2 2 2 1 2 2 2 3 2	1 2 2 2 1 2 2 2 2 2 2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 3 2 2 2 3 2 4 2 2	1 3 2 2 2 4 3 4 2 2	1 3 2 2 1 5 2 4 2 2	1 2 2 3 1 5 2 6 3 3	1 2 2 2 1 4 2 5 3 3	1222233422
21 22 23 24 25 27 28 29 30	3223522333	2 2 3 3 4 2 2 3 3 3 3	2 2 6 3 4 2 2 3 3 3 3	3 2 6 5 3 2 2 3 4 2	2 2 4 5 3 2 3 3 4 2	1 2 4 5 5 4 2 3 3 3 3 2	1 2 6 6 6 4 2 4 3 4 3	1 3 4 4 4 2 4 3 4 3	1 2 7 4 5 2 4 3 4 2	2 2 5 4 3 2 3 3 4 N	2144324342	2 1 4 3 2 4 3	21.5323322	2144322322	2 1 3 5 3 2 3 3 2 1	2 1 5 6 3 1 3 3 2 2	2 1 4 5 3 2 3 3 2 1	3 1 3 5 3 2 3 4 4 1	2 2 3 4 3 2 3 4 4 4 1	2 2 3 6 3 2 3 4 2 1	2 2 3 5 3 2 3 4 2 1	2 2 3 5 3 2 3 3 2 1	2 2 4 6 3 2 3 4 2 2	2245323332
MEAN	2	2	2	2	2	2 2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						ONTAL	110 1	ITINIO	m o		_	442110	I WINCE I VI			THE COLUM		3, 1, 1, 10,							
	POLLU'	TANT	- SUL	PHUR	DIOXI	DE							UN	ITS -	PART	S PER	HUND	REDMIL	LION						
	STATI	ON -	MACDO	DNALD	GDNS.	OTT	AWA		NO	51001			MO	NTH [DEC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	1212213322	2212214322	2 2 1 2 1 2 4 3 2 2 2	2212223222	222222222	2212223222	1221223222	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1224122232	2327222222	3327222222	22252222222	2222133333	222222333333333333333333333333333333333	3 1 2 2 2 1 **** 3 2 3 2	2 1 2 2 1 2 3 2 3 2	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 2 2 1 3 2 2 3 2	1 1 2 3 2 4 2 2 3 2	2 1 2 2 1 4 2 2 3 2	1 1 2 2 1 4 2 2 2 2 2	1 1 2 2 1 3 2 2 2 2 2	2 1 2 1 1 3 2 2 2 2	1 2 2 2 1 2 2 2 3 2	2223223222
11 12 13 14 15 16 17 18 19 20	2226433644	2325433744	233344333734	3 3 3 5 3 3 4 6 3 4	3 4 3 5 3 3 4 7 3 4	3525324734	45554324834	4 5 5 4 2 2 4 7 3	4 4 4 4 2 2 3 6 4 3	3434223633	4443222533	7432223632	643 *** 334 523	4 4 3 * * * * 2 3 3 4 2 3	3333233423	3 3 3 3 2 3 4 3 2 3	2233333322	3243223322	4233228323	4232226212	4 4 3 1 2 4 2 1 2	5353323112	5 3 7 3 3 2 3 1 1 2	3 3 9 3 3 2 4 1 2 2	4344324523
21 223 244 256 278 299	3 1 2 1 1 1 2 2 4	3 1 1 2 1 1 1 2 2 2	4 2 1 2 1 1 1 1 2 1	4 1 1 2 1 1 1 2 1	4 1 1 1 1 1 1 0 1 1 2 1	3 1 1 1 1 1 3 1	3 1 1 1 1 1 1 0 2 1	2 1 1 1 1 2 1 2 1	2 1 1 1 1 1 1 1 1 2	3 1 1 1 1 1 2 1 1 2 2 1 2	0 0 1 2 1 1 2 1 2 2	0 0 1 3 1 1 2 1 2 2	1 1 1 5 1 1 3 1 2	1 1 4 1 1 3 1 0	0 1 0 3 0 1 3 3 3 ****	0 1 0 2 0 0 5 4 1 1	0 1 0 2 0 0 7 1 1	0 0 1 0 0 6 1 1	0 1 0 1 0 1 2 1 1 2	0 1 0 0 0 1 2 1 1 1 1	0 0 0 1 0 1 2 1 1	0 1 2 1 1 1 1 3 1 1 1	0 0 2 1 0 0 1 2 1 1	0021000221	1 1 1 2 1 1 2 1 2 1 2 1
31	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	7	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MACDONALD GDNS. OTTAWA NO 51001

POLLUTANT -	SULPHUR DIOXIDE		Ü	NITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	4	7	16
FEB	29	4	9	19
MAR	29	2	4	9
APR	27	2	5	11
MAY		DATA MISS	ING	
JUN		DATA MISS	ING	
JUL		DATA MISS	ING	
AUG		DATA MISSI	ING	
SEP		DATA MISSI	ING	
OCT	3	1	2	6
NOV	30	2	5	8
DEC	31	2	5	9
YEAR	179	3	9	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - MACDONALD GDNS. OTTAWA NO 51001 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL 513 161 3 1 0 0 678 FEB 170 501 13 5 0 0 689 MAR 625 30 0 0 0 655 APR 597 23 0 0 0 621 MAY DATA MISSING JUN DATA MISSING JUL DATA MISSING AUG DATA MISSING SEP DATA MISSING OCT 2 0 51 NOV 666 35 0 0 0 0 701 DEC 700 39 0 0 739 YEAR 3651 460 17 4134 FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 30 MIN 10 98 0.4 1.1 1.7 80 0 2.6 4.4 5.7 7.4 8.6 19 2.6

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - MEMORIAL PK. CORNWALL DATA MISSING
4 4 4
**** 2
17 17 17
DATA MISSING
1 19 1 12 3 0 2 12 0 0 DATA MISSING DATA MISSING DATA MISSING DATA MISSING 4 5 3 1 2 5 4 6 6 5 3 14 11 4 5 2 3 15 4 2 4 6 3 1 4 4 3 2 6 1 13 4 4 2 4 3 4 2 2 5 2 3 6 1 5 4 2 4 4 5 2 31 0 23 DATA DATA DATA DATA DATA DATA DATA MISSING MISSING MISSING MISSING MISSING MISSING MISSING

 PERCENTAGE OF DATA VALID -

MEAN

ONITARIO	MINITOTOV	OF	THE	ENVIRONMENT	 ATD	MANAGEMENT	REANICH

	POL	LUTAN	r - Sl	JĽBHUI	R DIO	KIDE							U	NITS -	PAR	TS PER	R HUNI	DREDMI	LLION	Ĭ.					
	STA	TION -	- MEM	DRIAL	PK,C	DRNWA	LL		N	560	51		MO	N HTMC	IAR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12		14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	****	****	****	****	* * * * 3	* > * *	****	****	* * * * 5	* * * * 4	****		DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG -	8 6	0 4	1 5	0 6	0 4	0 4	0 2	0	0 1	****
11 12 13 14 15 16 17 18 19	0 2 1 0 1 4 1 0 ****	0 2 1 4 1 5 2 0 ****	0 1 0 6 1 5 1 0 ****	0 1 0 7 1 5 1 0 *****	1 2 0 7 1 4 1 0 ****	3 2 0 5 1 3 2 0 *****	3 1 1 4 1 6 2 0 ****	3 2 2 4 1 3 2 0 *****	2 2 2 6 1 6 2 ****	4 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 2 3 **** 0 2 4 **** ***3	4 2 3 1 3 2 3 **** 2	2 2 2 1 1 2 1 ****	2 2 2 1 1 2 2 ****	2 2 1 1 1 2 2 ****	2 2 3 1 1 1 1 1 ****	2 2 5 1 1 3 1 ****	1 2 3 1 1 2 1 ****	1 2 1 1 3 1 1 ****	1 1 0 0 3 1 1 10 ****	2 1 0 1 4 1 3 * * * * * 2 2	3 1 0 1 4 1 4 ****	2 2 0 1 4 1 1 **** 2 3	1 2 0 1 4 1 0 ****	2 2 1 3 2 3 2 * * * * * 3
21 223 24 256 27 28 29 30	2 0 0 2 5 6 2 1 0 1	2 0 0 2 7 8 2 1 1	2 0 2 6 4 2 2 1	3102932211	2 1 0 2 6 5 4 2 5 1	1 0 0 3 8 7 6 5 2 1	1 0 0 3 1 0 7 6 9 3 1	1 0 0 2 12 12 5 13 2	2 0 1 2 7 13 4 6 11	2 0 0 2 9 12 6 3 14	1 0 0 1 15 12 5 9 11	1 0 0 1 6 6 8 1 2 9	1 0 1 1 8 17 4 4 ****	1 0 0 1 11 8 5 3 ****	1 0 0 1 6 4 4 4 4 2	1 0 1 1 6 2 2 2 ****	0001441212	001299133	0 0 1 1 5 1 5 8 1	0 1 2 1 1 3 14 1	0 0 1 4 1 0 2 8 2 0	0 0 1 4 0 0 2 12 0	0 0 1 5 2 0 1 13 1 0	1 0 2 2 6 0 2 7 1 0	1 0 1 2 7 6 4 7 3 1
31	1	1	1	1	0	0	0	1	4	2	2	5	5	3	4	2	1	12	1	0	0	0	0	0	2
MEAN	1	2	2	2	3	3	3	3	4	4	4	5	3	3	2	2	2	2	2	2	2	2	2	2	3

	POLL	UTANT	- SU	LPHUR	DIOX	IDE							U	NITS - F	PART	S PER	HUND	REDMI	LLION	N						
	STAT	ION -	MEMO	RIAL	PK . CC	RNWAL	L		NO	5605	51		М	ONTH APP	4	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 5 0 10 5 1 0 18	0 3 0 14 5 1 0 1 24	0 7 0 41 5 1 0 1 38	0 7 0 0 14 25 1 0 0	0 6 0 9 23 1 0 0	0 2 0 0 1 7 6 0 0	0 0 0 0 0 8 1 0 0 1	0 0 0 0 1 7 1 0 0	0 0 1 0 1 9 1 0 0 5	0 2 1 0 0 3 1 1 0 7	0 1 1 0 0 2 1 0 2	0010221101	0 0 1 0 15 2 0 2 0	0 1 1 0 17 2 0 4 5 0	0 0 3 0 4 2 1 2 1 0	0 0 2 0 4 2 1 3 2 26	0 4 0 7 1 0 4 7 39	0 0 1 1 8 5 4 0 6 8 4 8	0 1 6 8 1 0 2 8 3	0 0 2 7 5 1 0 1	1 0 8 9 2 0 2 5	5 0 5 7 1 0 0	12 0 26 5 0 0 1	15 0 0 1 5 2 0 1 5	1 1 1 3 8 5 1 1 2 9	
11 12 13 14 15 16	1 2 3	1 12 4	1 24 4	36 5	3 36 4	5 8 2	8 5 2	55 19 1	26 5 1	29 1	47 1	4.0	DATA	5 8 1 MISSING MISSING MISSING	-	2 9 1	3 5 1	7 4 0	6 4 0	3 5 0	1 5 0	7 5 0	7 4 0	4 0	7 13 1	
18 19 20	0 0 1	0 1 1	0 1 1	0	0 1 1	1 2 1	0 1 1	2 1 1	3 1 1	0	1 0	1 0 0	1 0 0	1 1 0	1 1 0	1 1 0	2 1 1	2 1 1	1	1 1 11	1 0 30	1 1 9	1	1 1 2	1 1 3	
21 22 23 24 25 26 27 28 29	0 1 0 11 1 1 4 6	0 1 0 32 1 5 4	0 1 0 12 1 8 4	0 1 7 1 15 4 43	0 1 3 0 28 4	0 1 2 32 0 4 3	1 1 4 7 0 ••••	1 0 5 6 0 2 20	1 1 3 7 0 ••••	1 1 2 5 0 14 3	1 0 6 8 0 5 3 7	0 3 2 4 3 9	0 0 16 5 4 3 20 DATA DATA	0 0 4 3 1 4 3 8 MISSING MISSING	0 0 6 3 1 5 3 7	1 0 7 4 1 6 3 6	0 0 15 5 1 5 2 6	1 0 19 1 1 4 2 6	0 1 13 0 1 5 2 3	0 1 24 0 1 5	1 1 4 0 1 5 2	1 1 2 1 1 6 2	1 0 9 1 2 6 2	16 16 1 1 5 8	1 1 7 7 1 7 3 9	
MEAN	2		7	-		•		-	•					_		-	-	2		21	52	100	27			

PERCENTAGE OF DATA VALID - 78

						ONT	ARIO	MINI	STRY	OF	THE !	ENVIR	DNMEN	T - A	IR M	ANAGE	MENT	BRAN	CH						
	POLI	LUTAN	- SI	JLPHU	R DIO	KIDE							U	NITS	- PAR	TS PER	R HUNI	DREDM	ILLION	N					
	STAT	TION -	MEMO	DRIAL	PK.C	ORNWA	LL		N	0 560	51		M	ONTH	MAY	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	****	****	••••	••••			::::				::::	****	DATA	MISS	ING -	2	1	1	1	2	1	1	0	0	••••
5	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0 2	0	0	0	0	0	0 0 3	0 3 6	0 0 2	0
7 8	****	7 2	7 2	5 2	30	3	3	4 2	3	5 4 9	5 8	5 7	5 8	5 7	5 7	5 7	5 6 7	5 7 7	5 6 6	5 5 6	8 4 6	6 4 5	••••6	6	5 5
10	3	3	3	3	2	3	3	3	3	3	2	3	5 2	5	* * * *	5 5	1	6	5 6	5 4	0	0	0	0	2
11 12 13	54	23	3	****	0	0	6	**** 5	1 4 6	6 11 14	15	17 2 8	5 2 6	5 4 5	3 6 5	2 6 6	29 7	8	9	19	9	3	1	7	****
14 15 16 17 18	0	0	0	0	0	0	0	0		10	9 1 1	0	0 2	0 2	0 2	0	1 0 2	1 1 2	1	1	1	ŏ	0	0	0
17 18	1	1	1		0	1	1	::::	****	****	****		12	16	20	****	6	****	6	* * * *	••••	••••	••••	••••	::::
19	5 6	5 5	3 5	3 4	3	4	4	10	5 25	8 28	7 16	6 11	6 21	10	6	6	6	7 6	7	15	13	6	6 27	5 6 46	6 12
21 22	7 3 2 6	3	3	4 2	4 2 2	4 2	3	5	8	12 3 5 2	10 3 3	7	10	7	7	8 2	4 2	4 2	4 6	3	4 2	4 6	2	2	5 3
21 22 23 24 25 26 27 28	6	5	2	1	1 2 2	11 1 2	1 2	0 2	10	3	1 3	47 2 2	10	2 2	1 2	2 2	1 2	12 1 2	3 1 2	1	10 1	5 1 1	3 1 1	69 1 1	10 2 2
27 28	* * * * 4	****	****	****	****	****	****	3	3	19		19	10	7	7	11	9 8	8	7	7	7	5	5	4	6
29 30							_	1.371						MISS:											
31												141	DATA	MISS	NG -										

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION -	MEMO	RIAL	PK,C	RNWAL	L		NC	5605	1		M	ONTH JUI	L	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	**** 4 2 2	**** 4 2 1	**** 4 22 2	* * * * 4 2 2	**** 4 3 4	* * * * * 5 4 4	**** 5 4 3	* * * * * 5 3 4	* * * * 6 4 3	* * * * 6 4 7	2 4 24	**** 2 5 33	DATA DATA **** 2 5 20 DATA DATA	MISSING MISSING MISSING ************************************	3 - 3 - 4 3 6 - 3 -	* • * * 6 5 • • • •	**** 3 2 ****	4 1 3 ****	4 0 3 ***	5 0 2 ****	7 **** 3 ***	7 2 3 ****	7 2 4	7 3 3 ****	****
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	G G G G G G G G G										
21 22 23 24 25 26 27 28 29 30	**** 1 11	**** 1 10	**** 1 17	**** 1 9	*** 1 0	****	**** 0 0	**** 0 ***	* * * * * 2 * * * *	**** 5 ***	12 4 ****	2 4	DATA DATA 7 12 **** DATA DATA	MISSING MISSING MISSING MISSING 6 6 MISSING MISSING MISSING	G - G - G - 3 2 G -	4 3 ****	1 1 ***	0 1	0 2	0 2	0 3	0 9	1 2	0 13 ****	****
31												*	DATA	MISSIN	G -										
MEAN	Δ	4	5	- 4	2	3	2	3	4	6	9	9	9	13	3	5	2	2	2	2	3	4	3	5	5

PERCENTAGE OF DATA VALID - 15

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT - AIR MANAGEMENT BRANCH
POLLUTANT - SULPHUR DIOXIDE				UNITS - PARTS PER HUNDREDMILLION

	POLI	UTANI	- 80	JLPHUF	4 DIO	KIDE							U	MT 12 -	PAR	IS PER	HUNU	PEDMI	LLION	•					
	STAT	TION -	MEM	DRIAL	PK,C	DRNWAL	L		NO	5605	1		М	ONTH S	EP	72									
HOUR DAY	7	2	3	4	5	6	7	8	9	10	11	12	13		15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	**** 4 0 2 1	4 0 1 0	**** 4 0 1 0	* * * * * 7 0 1 0	18 0 1 0	**** 7 0 1	601	0 0 0 % 2 1 1 0 0 0 0 %	1 1 1 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 1 0	2001	DATA DATA DATA 2 0 1 0	MISSI MISSI MISSI MISSI 5 3 1 0 **** MISSI	NG - NG - NG - 1 1 0	1 2 2 1	2 1 2 0	1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 0 0	1 0 0 0 0	1 0 0 0	1 1 1 0 ****	2 0 1 1 1 * * * *	2 3 1 0 ****
11 12	* * * * 1	0	0	0 0 0 0	2	1	0	0	3	0	0	0	1	1 2	1	1	2	1	1	2	1 5 0	2	2 2	1 2 1	1
13 14 15	1	1	1	1	2	1	1	3	6	3	2	1	0 1	ó	0	1	0	ó	0	ŏ	ŏ	0	ò	0	1
16 17	0	1	1 2	1	1	0	0	1	11	6	2	2	4	6	3	4	2	1	1	1 0	1	1 3	1	1	2
18 19 20	0	0	0 0 1	0 1	0 0 1	1 0 1	1 0 1	0 0 1	0 0 1	0 0 1	0	0	0		0 0 0	1	1 0 0	0	0	0 0	0 1 0	0	0	0	0
21 22	1	1 2	1	0	1 8	1 8	1 5	1	1	1	2	2	3	3	1 2	3	2 6	0	0	0	0	0	0	0	1 3
21 22 23 24 25 26 27 28 29	2	1 2 0	2 2	2	2	2 2	1	1		1 0	1 0	1 0	1	1	1 4	1	1 0	0	0	ò	0	. 0	0	ò	1
26 27	0	0	0 2	0	0	0	0	ó	0	Ŏ	Ŏ	0	0	0	0	0	0	2	1	0	0	0	0	0	0
28 29 30	0	0	0	0	0	0	0	000	0 0 0	0	0 0 1	0 0 1	0	0 0 1	0 0 2	0	0	0	0	000	0	0	0	0	0
MEAN	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	4

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MEMORIAL PK.CORNWALL NO 56051 MONTH OCT HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN ...0 1 2 1 0 0 0 1 1 0 0 1 1 1 ...0 1 0 0 ò 1 1 0 0 0 0 12 13 14 15 16 17 18 19 20 • • • • 1 1 2 1 0 0 1 1 0 1 1 2 1 0 0 1 2 1 0 0 1 0 0 1 1 2 0 0 0 1 0 1 22 23 24 25 26 27 28 29 30 1 0 1 2 1 0 1 0 1 ó ò ó ó Ó 2 **** **** MEAN

PERCENTAGE OF DATA VALID - 95

						ONTAR	10	MINIST	RY	OF T	HE E	NVIRO	MENT	- AIF	R MAI	NAGEMI	ENT E	BRANCE	4						
	POLLUT	ANT	- SUL	PHUR	DIOXI	DE							UN]	TS -	PART	S PER	HUNDE	REDMI	LLION						
	STATIO	N -	MEMOR	IAL P	K, COR	NWALL			NO	5605	1		MON	ITH NO	v	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19 2	20	21	22	23	24 MI	EAN
2 3 4 5 6 7 8 9	2 1 2 2 2 1 1 0	222221312	2 1 1 2 1 1 1	2 2 1 2 1 1 2 1 1	1 2 1 1 2 1 1 1	2 1 1 1 1 1 1 1 0 1	2 1 2 1 1 1 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 1 1 1 0 1	1 1 0 1 1 0 2	3 2 1 1 1 1 1 1 1 0 1 1	2 2 1 2 2 1 1 0 1	222252212	222242111	1 2 2 2 5 2 1 1 2	1 2 2 1 4 2 1 1 1 1	1 2 3 1 2 1 1 1 2	1 1 2 1 1 1 1 0 2	1 1 1 1 1 0 3	2 1 2 1 1 1 2	2 1 1 2 2 1 1 1 1 2	2 1 1 1 3 1 1 1 1 1 1	1 1 2 1 1 1 0 1	2 1 2 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	1 1 0 0 0 0 0 0 0 0 1	1000001211	0 0 0 0 0 1 1 1 1 1	0 0 0 0 0 0 1 1	0 0 0 0 0 0 1 1	000000000	0 1 0 0 0 0 1 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 1 1 0	0 1 0 0 0 1 2 0 1 1 2 0 1 1	0 1 1 0 0 2 1 0 2 0	0 1 0 1 2 1 1 0	0 1 0 1 0 0 1 2 3 0	1 1 2 2 1 1 2 1 2 0	0 0 3 1 1 0 2 1 2 0	000000000000000000000000000000000000000	1020002030	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 1 0 4	0000001010	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0	00000000	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29	0 0 0 3 0 1 1 1 1 1 1	0 0 1 4 2 1 0 1 2 1	0 0 0 3 1 0 0 0	0 0 0 3 0 0 0	0 0 0 3 0 0 2 0	0 0 3 0 0 3 0	0012002001	0022011	0001001	0 1 0 1 0 0 2 0 1 1	0 1 0 0 1 1 1 1 1	2 1 1 1 0 0 1 1 1 1 1 1	1 1 0 0 0 0 2 2 1 1	3 1 1 1 2 2 •	1 0 0 1 1 0 ••••	0 0 0 1 1 2 1 1 1 1 1 1	0 0 0 2 0 1 2 1 1	10002000111100	0 0 0 2 1 0 0 1 1 0	0 0 0 1 2 0 1 1 1 0	0 0 2 1 0 0 0 1 0 0	0 0 2 1 0 0 0 1 1 0	0 0 2 1 1 0 0 1 1 1 1	0020001111	0 0 1 2 1 0 1 1 1 1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1	1	4	1	- 4	90	1	4	4	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

					3	ONTAR.	10 M	INIS	HY U	F 1F	1E E	AATHON	MEN	- AIF	1 MAI	VAGEINI	EIVI E	MANO	li .						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	TS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	MEMOR	IAL P	K, COR	NWALL			NO	56051			MON	TH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN 0
1 2 3 4 5 6 7 8 9	0 1 0 2 3 0 0 1	1010360121	1010240121	001023011	001024011	0010230111	0 0 0 0 2 4 1 1 1 1	0 1 0 0 1 2 1 1	0 0 *	0 1 0 *** 1 1 1 1 2	0 2 0 0 1 1 2 1 1 3	0 1 0 0 1 1 2 1 1 2	1021111113	1 1 1 2 1 2 1 2 3	1 2 2 1 1 2 1 1 2	1 0 2 1 1 0 1 1 2	0102111111	0 1 2 2 1 1 1	0123220210	0 1 0 2 2 1 0 2 1	0 0 2 2 1 0 1 1 1	0002210112	0 0 2 2 1 0 2 1 3	0000000113	1 1 1 2 2 1 1 1 2
11 12 13 14 15 16 17 18 19 20	2 1 1 1 1 1 0 0 0 0 1	2 2 2 1 3 2 1 1 1 2	3111310112	1 3 1 2 1 0 1	1 2 1 1 0 0 1 1	1121110011	2 1 4 2 1 1 0 0 1 2	2 1 1 1 1 1 1 1 0 1 2	2112120222	1 1 2 2 1 3 2 2 2	1 2 2 2 4 2 2 3	1 2 1 1 2 1 6 1 2 3	1 2 1 2 3 0 2 1 2 3	2262411121	1 2 20 1 2 1 1 1 ****	1 2 2 1 2 0 0 1 1 1 2	1 1 2 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0	1 1 0 1 0 0 1 2 1	1 1 0 1 0 0 2 2 1	0 1 1 1 0 0 2 2	1 2 1 1 0 0 1 2 1	1 2 1 1 0 0 1 2 2	1211100022	1 2 0 1 1 0 0 0 1 2	1 1 2 1 2 1 1 1 1 2 2
21 22 23 24 25 26 27 28 29	2 1 2 1 0 1 1 1 1	2 2 2 2 1 1 2 3 2 1	1 2 2 2 1 1 1 2 1 1 1	1 3 2 1 2 1 1 2 0 1	1 2 2 1 2 0 0 1 0 1	1 2 3 0 1 0 0 3 1 1	1 3 5 0 1 0 2 4 0 1	1 2 3 0 1 1 1 1 0 2	2 2 2 0 3 1 3 2 1 2	2 2 2 0 3 1 1 1 1 2	2220302222	2 2 2 0 2 0 1 2 1 2	2 1 2 0 3 0 1 1 0 1	3221412212	3 2 3 1 3 4 1 2	3 2 2 1 2 3 1 3 1	3 1 2 0 2 2 1 3 1	3120220211	3 1 2 0 2 1 2 0 1 1	3 1 2 0 2 2 1 1 1	2 1 2 0 2 2 2 0 1 1	2 2 2 0 1 3 1 0 2 1	1 1 2 0 1 2 2 0 1 1	1 1 0 0 1 1 1 2	2220211211
31	1	2	1	1	1	1	1	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
MEAN	1	2	1	1	3	1	1	1	1	1.	2	1	i	2	2	1	1	1	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MEMORIAL PK, CORNWALL NO 56051

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISS	SING	
FEB	12	5	13	32
MAR	23	3	7	17
APR	25	4	13	55
MAY	27	4	12	69
JUN		DATA MISS	SING	
JUL	7	5	3	38
AUG		DATA MISS	ING	
SEP	25	1	3	18
ОСТ	31	1	2	4
NOV	30	1	2	5
DEC	31	1	2	20
YEAR	211	2	13	69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION NO 56051 STATION - MEMORIAL PK.CORNWALL 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA MISSING JAN FEB MAR APR MAY JUN DATA MISSING JUL 82 21 AUG DATA MISSING SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 70 90 95 0.8 1.4 4.6 6.9 PERCENT OF DATA VALID MAX 6.9 13.4 20.5 2.1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	TION -	THUI	NDER E	BAY G	S NW 2	22		NO	6302	23		М	AL HTMO	N	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	66666666	16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19	**** 1 3 2 9 9 3 1 2	**** 2 3 2 12 10 6 1	**** 2 3 2 3 10 11 1	2 3 2 3 6 5 1 2	2 2 2 7 3 4 1 2	2 1 2 6 2 5 1 1	**** 2 1 2 9 1 6 1	* * * * * 2 1 2 6 3 6 0 2	**** 1 1 2 1 2 10 0 1	**** 2 1 2 2 2 9 0 1	**** 2 2 2 3 3 6 2 1	3 2 2 2 4 3 2 2 1	DATA 3 2 1 2 6 3 1 1	MISSIN 2 2 1 2 5 4 1 2	G - 2 2 1 2 6 3 0 1 1	2 2 1 2 5 3 0 1 1	2 3 2 4 4 3 1 2 0	232553020	233552060	2 3 2 5 5 4 0 4 1	232682032	232553032	2 4 2 4 3 3 0 1 2	1 3 2 4 4 2 0 2 3	**** 2 2 3 5 4 3 2
21 22 23 24 25 26 27 28 29 30	4 3 1 0 0	3 3 1 0 ****	2 3 1 0 ****	2 3 1 0 ****	2 3 1 0 1	2 3 0 1 3	2 3 0 1 4	1 4 0 3 6	0 4 0 2 6	1 3 0 1 5	2 2 1 1 1 1	2 2 1 1 2	DATA DATA	9 2 4 1 2 MISSIN MISSIN MISSIN MISSIN MISSIN	G - G -	2 1 2 1 2	4 2 2 2 1	10 2 3 1 1	7 2 3 2 1	6 2 4 2 ***	6 1 4 1 ****	6 1 5 1 ***	4 1 3 2 ****	13 1 2 1 * * * *	4 2 1 2
31												-	DATA	MISSIN	G -										
MEAN	3	4	3	3	2	2	3	3	2	2	2	2	2	3	2	2	2	3	3	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 42

	POLLUT	ANT - S	SULPHUI	R DIO	KIDE							UI	NITS -	PART	TS PER	R HUNE	REDMI	LLION	į.					
	STATIO	N - THU	JNDER I	BAY GS	S NW 2	22		N	630	23		M	ONTH F	EB	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	ť	2	3 4	5	6	7	8	9	10	11	* * * * * * * * * * * * * * * * * * * *	DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -	16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 19 20	**** ** *** ** 9 1 1	* * * * * * * * * * * * * * * * * * *	* **** 5 5 0 0	**** 2 5 0	**** 1 3 0 0	**** 3 2 0 0	**** 5 3 1	**** 7 3 1	**** 0 1 1 0	**** 0 2 0 0	* * * * *	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI **** 2 0	ING - ING - ING -	3 2 1 1	3 2 1 1	4 2 1 2	5 2 1 3	5 3 1 5 2	5 3 1 5 2	**** 2 0 4 2	**** 30223	**** 7 0 3 3	**** 2 3 1 1
21 22 23 24 25 27 28 29	1 0 0 2 1 2 3 6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 2	1 1 1 **** 1 0 1 2 2 2	1 1 1 0 1 1 1 2 3	**** 1 1 0 1 2 4	1 2 0 2 1 0 0 2 1 0 0 2 4	1 3 **** 2 1 0 0 1 5	0 **** 0 1 1 1 1 2 2 2	0 **** **** 0 2 1 0 2 3	0 * * * * 2 3 2 1 0 3 4	0 4 2 1 ****	0 4 1 1 ****	0 1 3 0 1 **** 4 7	0 8 1 0 1 1 1 2 3	0 9 4 0 1 1 1 3 4	0 9 4 **** 1 1 2 4 5	0 10 3 **** 2 2 2 5 6	1 11 3 **** 2 2 2 2 8 7	1 12 3 **** 2 2 3 10 7	022222222	0 1 1 3 2 2 2 3 1	0 1 0 3 1 2 3 4	0 4 2 2 1 1 1 2 3 4
MEAN	2	2 2	1	1	1	শ	2	2	1	1	2	2	2	2	2	2	3	3	4	4	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - THUNDER BAY GS NW 22 MONTH MAR 72 NO 63023 3 4 5 6 9 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 7 8 10 11 12 DATA MISSING -1 DATA MISSING 31 - DATA MISSING -MEAN

2 1 1

PERCENTAGE OF DATA VALID -

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	IT - A	IR M	ANAGE	MENT	BRAN	CH						
	POLI	UTAN	- SI	JLPHU	OIO	XIDE							L	INITS	- PAR	TS PE	R HUND	REDM:	ILLIO	N					
	STAT	ION -	THU	NDER E	BAY G	SNW	22		N	630	23		N	IONTH	APR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	4 2 7 1 0 3	5 7 1 0 2	2 7 2 1 2	3 0 2	2 4 4 2 2 2	2224	2 2 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 4 0 1 0	3 2 5 4 1 1 0 0	3 2 5 3 1 0	335	3 2 3 1 1 1 1 1 0 1 0 2	32 0 1 1 0 0 1	2002	4 2 0 2 1 0 0 0	2 1 1 2	4 3 2 10	2 1 0 0 8 5 2 2	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	33222	34 22 33 00 1	35343020	3 5 4 5 4 2 3 0	241004421	3333122
10	••••	••••	••••	••••	••••	••••	••••	• • • •	••••	0	0	3	••••	••••	••••		••••	ī	0	••••	••••	••••	••••	••••	••••
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -										
21 22 23 24 226 27 28 29 30												-	DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -										
MEAN	3	2	2	2	2	2	4	2	-	2	-	-							2					-	20

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	10 10000000												1000													
	STAT	TION	- THU	NDER B	BAY GS	S NW	22		NC	6302	23		М	ONTH MA	Υ	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9													DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG -											
11 12 13 14 15 16 17 18 19 20		9 X 0 9	***	****	****	****	****	****	3				DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG -	1 ****	1 ****	» • • • •	. 1	1 ***	1	1	1 ***	2	1	
21 22 23 24 25 26 27 28 29 30	**** 2 2	**** **** 1		****	***	0	**** 0 2 2 1 1	3 1 2 2 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2	2 **** 1 1 **** 2	2 7 2 0	DATA DATA DATA 2 7 2 3	7 2 4	IG -	**** 2 6 0 3 2	**** 2 7 **** 3 1	**** 1 2 4 1 1	**** 2 3 3 0 1	**** 2 3 3 ****	**** 2 2 3 3 1			1	**** 2 3 2 2 1	
31	3	2	2	2	2	2	2	2	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	
ME ANI	2	2	2	2	2	4	4	2	- i	2	4	2	2	2	3	2	3	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 19

						ONT	ARIO	MINIS	STRY	OF T	HE E	NVIR	ONMEN.	T - AIR	MA	NAGEN	IENT	BRANC	Н						
	POLL	UTAN	r - su	JLPHU	R DIOX	KIDE							UI	NITS - P	ART	S PEF	HUND	REDMI	LLION	V					
	STAT	TION .	THUN	NDER E	BAY GS	S NW	22		NO	6302	3		M	ONTH JUN	1	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		MEAN
1 2 3 4 5 6 7 8 9	2 2 2 2 2 2	2 2 3 7 2 2 2	2 3 6 7 7 2 2	2 3 5 7 7 2 3	23 67 62 2	2357632	232222	2 1 2 2 2 2 2 2 2	2 1 1 1 1 2 2	2 1 1 0 1 1 1 1	1 0 0 1 1	2	DATA	2 3 1 2 2 2 2 2 MISSING MISSING MISSING	-	1 1 4 2 2	1 3 1 1 4 2 3	1 3 1 1 4 2 2	1 1 2 3 2 ****	2 1 1 2 3 2 ****	2 1 0 1 2 3	2 1 0 1 2 3	2 1 0 1 2 3	2 0 0 1 3 3 3 * * * * *	2222322
11 12 13 14 15 16 17 18 19 20	» « » ÷ 2	****	****	****	**** 2	* * * * 2	**** 2	4 2	4 2	5 1	2 1	3	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING 2 2	-	3 2	3 2	3	3	3	3	3	3		3 2
21 22 23 24 25 26 27 28 29 30	**** 2 1 2 2 2 3 2 4 2	**** 1 2 2 2 3 2 3 2	**** 1 1 1 2 3 2 3 1	* * * * * 1 1 1 1 2 3 2 3 3	***** 0 1 1 1 3 1 2 3	0 1 0 1 2 1 2 2 2	* * * * * 0 1 0 2 1 3 2 2	* * * * * 2 1 0 2 1 2 2 1	**** 2 1 0 1 0 2 2 2	**** 2 1 1 1 0 2 2 3	**** 2 1 2 0 0 3 2 3	**** 1 2 2 2 2 0 1 3 10	DATA **** 1 2 2 3 2 1 4 8	MISSING 1 2 1 2 2 2 3 6	1 1 2 1 2 5 3	* * * * 1 1 1 1 1 5 6 2	**** 1 2 2 1 1 1 2 3 2	**** 1 2 1 2 1 2 1 2	* * * * * 1 2 1 1 3 3 1 1	1 1 2 2 1 2 3 1 1	2 1 1 2 2 2 3 1 1	2 1 1 2 4 2 3 1	221122331	1 2 2 1 3 1 4 3	**** 1 1 1 2 2 2 3 3
MEAN	2	2	3	3	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STATIC	ON -	THUND	ER BAY	GS	NW 22			NO	63023	3		M	JL HTMC	JL	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 3 1	1 2 1	1 2 1	1 2 1	1 2 1	1 2 1	1 2 1	1	1	1	1 2 1	1 2 1	DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	1 2 VG - VG - VG - VG -	!	1 2 	1 2 •	2	2	1 2	2	2 1	3 1 ****	1 2
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	VG - VG - VG - VG - VG - VG -										
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	VG - VG - VG - VG - VG - VG - VG -										

PERCENTAGE OF DATA VALID .

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT - AIR MANAGEMENT BRANCH
IDE				UNITS - PARTS PER HUNDREDMILLION

						24 22 4 6		000000000	DEGREE	imie 2003						100000	o. → 0.02(to).								
	POLL	UTANT	- SU	LPHUR	DIOX	IDE							U	NITS -	PART	S PEF	R HUND	REDMI	LLION						
	STAT	ION -	THUN	DER BA	Y GS	NW 2	2		NO	63023			M	ONTH AU	I G	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG -	16	17	18	19	20	21	22	23	24 ME	AN
11 12 13 14 15 16 17 18 19	1 2 4 2 2	1 2 4 2 3	1 2 4 3 4	0 1 2 4 2	0 1 1 2 2 2	1 1 1 3 2	1 1 2 4 3	1 1 2 3 3	1 1 2 4	0 2 1 5	0 2 0 1 0		DATA	MISSIN MISSIN MISSIN MISSIN 2 2 0 0	IG -	**** 1 1 1 1 2	1 1 1 2	**** 1 1 1 4 2	7 1 1 3 2	7 1 1 1 1 2	1 0 1 1 1 2	1 2 2 2 1 2	1233332	1 **** 2 3 2 2 2	1 2 1 2 2
21 22 23 24 25 26 27 28 29 30	2 1 2 3 3 2 2 3 3 2 2 3	2122233223	3 1 3 2 2 3 3 2 3 3 3 3 3	2 1 1 2 2 1 1 2 2 1 1 2 2	2 1 1 2 1 2 1 1 1 2	2 1 1 2 1 1 1 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1	3 1 2 1 3 1 1 1 2	3 1 1 2 1 3 2 1 2 3	3 1 1 2 1 3 2 1 2 3	0 1 1 2 1 1 1 1 1 1 1 1	0 1 1 1 0 0 1 1 1	0 1 0 1 1 0 0 0 0	0 1 0 1 1 0 0 0	010000000	0 1 0 0 0 0 0	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 0 1 1 1 1 0	1 1 1 0 1 1 1 1 0 1 1	1 1 0 1 1 1 0 3 2	1 1 2 0 0 1 1 0 4 1	1 1 1 2 1 1 1 3 1	1 2 2 2 1 1 2 2 2 1	1232232231	1 1 1 1 2 1 1 1 2 2
31	1	1	2	1	1	1	Ť	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1
MEAN	2	2	3	2	1	1	2	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH SEP STATION - THUNDER BAY GS NW 22 NO 63023 24 MEAN 1 0 1 1 3 1 3 SOOM 1 2 Õ DATA MISSING MEAN

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	and the same of the			v										NITS - F		c oco	LILINIDO	COME	LTON						
	POLI	UTANT	- St	JLPHUR	DIOX	IDE											HUNDH	EDMIL	LION						
	STAT	TION -	- THUN	IDER B	AY GS	NW 2	22		NO	6302	23		М	ONTH OCT	F i	72									
HOUR DAY 1 2 3 4 5 6 7 8 9	7	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
21 22 23 24 25 26 27 28 29	***	***	****	****	***	***	***	***	***	***	***	-	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		0	0	0	0	o	0	o	0	0	***
31	0	0	0	0	0	0	0	0	0			***	0	0	0	0	0	0	0	1	1	***	* * * *	***	0
MEAN	0	0	0	0	0	0	0	0	0	****	0000	***	0	0	0	0	0	0	0	1	1	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - THUNDER BAY GS NW 22 NO 63023 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 3 1 2 1 2 2 1 2 1 2 2 1 1 1 2 0 1 1 1 0 2 1 1 2 0 1 1 0 1 1 1 2 1 1 1

PERCENTAGE OF DATA VALID - 98

MEAN

						ONTA	RIO	MINIST	RY (OF TH	4E E	NVIRO	MENT	- AIR	MA	NAGEMI	ENT E	BRANCH	4						
	POLLU	TANT	- SUI	LPHUR	DIOX	IDE							UNI	ITS -	PART	S PER	HUNDE	REDMIL	LLION	ı					
	STATI	ON -	THUN	DER BA	Y GS	NW 2	2		NO	63023	3		MON	NTH DE	С	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 h	MEAN
1 2 3 4 5 6 7 8 9	13222222222	03222222222	132222222222222222222222222222222222222	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	022222122	1222222122	1 2 2 2 2 2 1 2 2	022222122	02222222	1222222222	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	222222122	2222232111	3 2 2 2 3 2 2 2 1	3 3 2 2 2 2 2 2 2 2 1	33222222222	332222222222222222222222222222222222222	3322222322	3322222322	232222422	232222222222222222222222222222222222222	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	232222222222222222222222222222222222222
11 12 13 14 15 16 17 18 19 20	2 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2	2 2 3 2 2 2 2 2	2 1 1 2 3 2 2 2 2	2 1 1 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2	1 1 2 2 2 2 2 2 2	2 2 1 1 2 2 2 2 2	2222322221	2222322321	22222332	222222222222222222222222222222222222222	2 2 0 2 1 2 2 1 2 2	2 2 0 2 1 2 2 1 2 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 0 1 1 2 2 2 2 2 2 2	1 2 0 1 3 2 2 2 2 1	1 2 0 2 4 2 2 2 2 1	1 2 0 2 3 2 2 2 2 1	2202422322	222252211	232342221	2 4 1 3 5 2 2 2 2	2 4 1 3 4 2 2 2 2	2 3 1 3 3 2 2 2 2 2 2 2 2 2	2212322222
21 22 23 24 25 26 27 28 29 30	1 0 2 1 1 1 3 1	1 0 2 1 1 2 1 1	1 1 1 2 1 2 1 1 1	1 1 1 3 1 1 1	1 2 1 1 2 1 1 1	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 2 1 1 1 1	1 1 1 2 2 1 1 1 1	1 1 0 2 2 1 1 2 2 - 0	1 1 0 2 1 1 1 1 2	1 1 0 2 1 1 1 1 2	1 1 2 1 1 1 1 1 1 3	1 1 2 1 1 1 1	1 1 2 1 1 1 1 1 1 1	2 1 2 1 1 1 1 1 1 1 1 1	3 1 2 1 1 1 1 1	3 1 2 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 2 2 1 1	1 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 2 1 4 1 1 1	1 1 1 1 1 1 1
31												- [ATA N	ISSIN	G -										
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - THUNDER BAY GS NW 22 NO 63023

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

TOLLOTANT -	SOLITION DIOXIDE			511.75	
MONTH	DAYS OF VALID DATA	AVERAGE C	CONC. 24-HOUR	MAXIMUM MAXIMUM F	READING
JAN	14	3	5	13	
FEB	14	2	4	12	
MAR	1	1	0	3	
APR	10	2	3	10	
MAY	9	2	3	7	
JUN	18	2	3	10	
JUL	3	1	2	3	
AUG	17	1	2	7	
SEP	1.4	1	1	4	
OCT	2	0	0	1	
NOV	30	1	2	9	
DEC	29	2	3	5	
YEAR	161	2	5	13	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION NO 63023 STATION - THUNDER BAY GS NW 22 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN 44 3 FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95 98 99
0 0.2 0.6 1.0 1.5 2.6 3.5 5.4 6.7 PERCENT OF DATA VALID 1.6

STATION - 29 HILLCREST WAWA MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING
MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING

UNITS - PARTS PER HUNDREDMILLION

22 23 24 25 26 27 28 29 30 DATA DATA DATA MISSING MISSING MISSING MEAN

PERCENTAGE OF DATA VALID .

POLLUTANT - SULPHUR DIOXIDE

						ONTA	RIO	MINIS	TRY	OF T	THE I	NVIR	ONMEN	T - AI	R M	ANAGE	MENT	BRANC	ж						
	POLLU	TANT	- SU	LPHUR	DIOX	IDE							U	NITS -	PAR	TS PE	R HUNG	DREDMI	LLIO	V.					
	STATI	ON -	29 H	ILLCR	EST W	AWA			N	7100)1		M	ONTH J	UN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 1 0 0	0000	0 0 0	0	0	0000	0000	0000	0000	0000	0000		0 0 0 0 0 0 DATA	0 0 0 0 	0 0 0 0 0 0		0000	0000	0 0 2 0	0 0 22 0	0000			000	0 0 1 0
7 8 9 10												:	DATA DATA DATA	MISSI MISSI MISSI MISSI	NG - NG - NG -										
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000		000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	00000000	000000000000000000000000000000000000000	****	****	000000000000000000000000000000000000000	DATA	0 0 0 0 0 0	NG -	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000 800 000 000	00000000	****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	20000000	00000000	000000000000000000000000000000000000000
21 223 24 25 26 27 28 29 30	000000000	0000000000	000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000	000000000	000007000	00000000	000000000	0000000000	000000000	000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	0000000000	000000000

PERCENTAGE OF DATA VALID -

MEAN

	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UNI	ITS -	PART	S PER	HUNDE	REDMI	LION						
	STATI	ON -	29 HI	LLCRE	ST WA	WA			NO	7100	1		MON	ITH JU	JL :	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9 10	000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	0000000000	****	0000000000	000000000000000000000000000000000000000	0000000000	0000000005	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	000000000	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 0 0	000000000	0 2 0 0 0 0 0 0 0 0 0 0 0	0 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0	010000000000000000000000000000000000000	0 1 0 0 0 0 0 0 0 0 0 0	0 8 0 0 0 0 0	0500000000	0000000000	000000000000000000000000000000000000000	00000000000	000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0 1 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 0	0000000600	0000000500	0 0 0 0 0 0 0 15	0000000800	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0	000000000	000000000000000000000000000000000000000	0000000000	000000000	000000000	0000000000	000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 99

						ONTAR	0 1	MINIST	RY	OF TH	HE E	NVIRON	MENT	- AI	R MA	NAGEM	ENT I	BRANCH	4						
	POLLU	TANT	- SUL	PHUR I	IXOIC	DE							UN	ITS -	PART	S PER	HUNDI	REDMIL	LION						
	STATI	ON -	29 HI	LLCRES	ST WA	WA			NO	71001			MO	NTH A	UG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	0000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0	000000000	0000000000	000000000	000000000	000000000	000000000	1 0 0 0 0 0 0 0	2000000000	1 0 0 0 0 0 0	0000000000	5000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000
11 12 13 14 15 16 17 18 19	190060	000004	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000	040000000	0 11 0 0 0 0 0 0	0 6 0 1 2 0 0 0 0 0 0 0	030000000	000000000000000000000000000000000000000	0 17 0 0 0 0 0 0 0 6 0	0 10 0 0 0 0 0 0	070000000000000000000000000000000000000	0 1 0 0 0 0 0	0000000000	000000000	000000000000000000000000000000000000000	0000000000	****	****	****	****	0 2 0 1 0 1 0 0 1
21 223 24 25 26 27 29 30	000000000000000000000000000000000000000	0000000000	000000000	000000000000000000000000000000000000000	0000000000	5 0 0 0 0 0 0 0 0 0 0	5000000000	000000000	00000000	000000000000000000000000000000000000000	0000300030	0000700020	0 0 0 0 1 0 0 0 1 0	00000	0 0 0 0 0 0 0 0 0 0	0000500000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	00000000000	000000000000000000000000000000000000000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 29 HILLCREST WAWA NO 71001 MONTH SEP HOUY 1234567890 11234567890 12234567890 1 1234567890 24 MEAN DATA MISSING .0 * 00000000110 MEAN

PERCENTAGE OF DATA VALID - 58

						ONTAR	OIF	MINIST	RY	OF T	HE E	NVIR	ONMEN	T - AI	R MA	ANAGEN	ENT	BRANC	ж						
	POLL	JTANT	- SUL	PHUR	DIOXI	DE								NITS -						i					
	STAT	ON -	29 HI	LLCRE	ST WA	AWA			NO	7100	1		М	ONTH O	СТ	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000300	000000000000000000000000000000000000000	000000000	000000000	000000000000000000000000000000000000000	0000000000	000000000	0000000000	000000000	000000500	105	0 0 0 0 0 0 0 0 131	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0000000000	000000000	0000000000	0000000100	0000000000	0000000000	000000000	000000000	0000000000	000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 0 54 17 0 173 17	0 0 0 0 0 0 5 8 0 0	00000000000	000000000	000000000	0 0 4 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0006002300	0 0 0 0 0 0 6 1 0	0 0 0 0 0 0 77 0	0 0 0 10 0 0 27 0 0	0 0 77 0 6 0 0	00 65 00 18 00 0	80 0 11 0	0 77 0 38 0 0 34 28 0	0 25 0 64 0 12 57	36 0 0 0 0 0 0	82 0 4 	0000000000	00000000000	000000000	0 0 27 0 5 6 0	0 0 30 35 36 0 0	0 0 0 124 0 155 6 0	0 30 1 8 20 6
21 22 23 24 25 26 27 28 29	00000	0 0 0 0	0 0 0 0 0	00000	0 0 0 0 0	000000	000000	00000	0 0 0 0 0	00000	00000		DATA	0 0 16 0 MISSI MISSI MISSI MISSI	NG -	330	000000000000000000000000000000000000000	0 0 0 3	0 0 0	0000	0 0 0	0 0 0	0000	0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31														MISSI											
MEAN	10	3	O	0	0	n	i	0	0	3	5	۰	6							•		-			_

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 29 HILLCREST WAWA

NO 71001

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA M	ISSING	
FEB		DATA M	ISSING	
MAR		DATA M	ISSING	
APR		DATA M	ISSING	
MAY	8	0	2	31
JUN	24	0	4	22
JUL	31	0	1	15
AUG	31	0	3	19
SEP	20	0	3	30
OCT	26	3	30	173
YEAR	140	1	30	173

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE NO 71001 STATION - 29 HILLCREST WAWA 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA MISSING FEB DATA MISSING DATA MISSING MAR DATA MISSING APR 169 MAY 1 1 0 172 2 0 0 537 JUN 534 1 1 0 0 741 6 0 JUL 734 730 14 408 6 11 4 2 2 0 0 739 AUG 3 2 0 2 420 SEP OCT 7 10 17 612 YEAR 3130 38 8 15 13 17 3221 FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT MIN 10 30 50 70 90 95 98 99

0 0.1 0.3 0.5 0.7 0.9 1.0 6.1 21.9 F DATA 99 MAX 173 0.8 72

UNITS - PARTS PER HUNDREDMILLION STATION - GOUDREAU ALGOMA NO 71002 MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9												***************************************	DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
21 223 245 266 278 290	0 0 2	0 0 1	0000	0 0	0 0	00000		0000	0002	0 0 12	0 0 0 11	0000	DATA	MISSI MISSI 0 0 0 0 	NG -	0001	0 1 1 0 0	0 2 0 0	00000	5000	0000	000000000000000000000000000000000000000	0	0	0 0 2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1	6	13	15	9	8	• • • •	****	****	****	3
MEAN	0	0	0	0	0	0	0	0	0	2	2	0	0	2	0	1	2	2	2	2	1	0	0	1	1

PERCENTAGE OF DATA VALID - 17

POLLUTANT - SULPHUR DIOXIDE

						ONT	ARIO	MINI	STRY	OF 1	THE E	ENVIR	ONMEN	т - А	IR M	ANAGE	MENT	BRAN	СН						
	POLI	LUTAN	T - SI	JLPHU	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUND	DREDM	ILLIO	N					
	STA	TION	- GOUI	DREAU	ALGO	MA			N	7100	2		M	ONTH	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	010000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000.05000	000000000000000000000000000000000000000	0000	000000000000000000000000000000000000000	0000302000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000100000	00100000	006000000	000500000000000000000000000000000000000	0080004	0 1 6 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	003000400	0 0 1 0 0 0 4 0 0 0	0 1 1 0 0 0 4 0	011000500	0 1 2 0 0 0 4 0	010004200	010002200	0 1 0 0 0 1 6 0	001000300
11	0	0	0	1	0	0	0	0	0	0	0	0	6	4	••••	••••	0	0	0	0	0	0	0	0	1
12 13 14	0 0 1	0 0 1	0	0	0 1 0	0 1 0	0 3 0	0 2 0	0 1 0	0	0	0	0	0	0	0	0	Ŏ 1	1	0	0 1	13	0 11	, , , , , , , , , , , , , , , , , , ,	2
15 16 17 18 19 20	••••									****	••••		DATA DATA DATA DATA	MISS MISS	ING - ING - ING -	••••	••••	••••	0	0	0	0	0	0	••••
21 22 23 24 25 26 27 28 29	0	0	0	0	0	0	0	 0 0	0				 0 		0000	000	0000	0	00000	0 0 0	0000	0000	00000	0000	
26 27 28 29 30				0	0	0	0	0	0	0	0	0 0	0 0 0 DATA	0 1 0 MISS	2 1 0 ING -	4 1 0	5 0 0	6	10	0	1 0	0	0	0	0
MEAN	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	-1	- 1	1	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - GOUDREAU ALGOMA NO 71002 MONTH JUL 24 MEAN HOUR DAY 0 0 0 0 25 21 2 8 0 0 0 2 3 4 5 6 7 8 9 0 0 0 11 11 **** 0 0 0 0 21 4 8 * * * 14 3 5 0 0 0 0 0 0 18 12 0 **** 0 0 0 1 0 12 13 14 15 16 17 18 19 20 0 0 2 0 **** *** *** *** 12 0 **** 0 0 0 0 0 0 0 0 0 ...0 ...0 0 0 0 0 0 **** - DATA MISSING
5 **** 0 0
0 0 2 4
**** **** 0 0 5 0 4 0 ** 5 0 0 0 **** 0 1 3 13 2 3 3 4 5 0 8 **** 22 23 24 25 27 28 29 30 4 **** **** **** 0 0 DATA MISSING 14 14 1 0 0 0 **** 0 0 0 0 0 0 0 ** 0 0 0 0 0 0 ó Ó ŏ MEAN

PERCENTAGE OF DATA VALID - 73

						ONTA	ARIO	MINIS	TRY	OF '	THE I	ENVIR	NMEN"	Г - А	R M	ANAGEN	MENT	BRANC	CH						
	POLL	UTANT	r - sı	JLPHUI	R DIO	XIDE							U	NITS	PAR	TS PER	R HUNE	REDMI	ILLION	Į.					
	STAT	ION -	GOU	DREAU	ALGO	MA			N	710	02		М	ONTH A	AUG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1	0	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0
2	0	Ŏ O	ŏ	0	0	0	0	ŏ	Ö	Ŏ O	Ŏ	Ö	0	o o	0	0	0	0	0	0	0	0	0	0	0
4	0	0	ŏ	ő	0	0	0	1	0	1	ŏ	0	Ö	0	0	0	ŏ	ŏ	ŏ	0	ŏ	4	6	12	****
6	7	3	****	0		****	0	0	****	***	****	****	****	****	* * * *	****	****	****	****	12	***	****	****	****	****
7														MISS:											
9		****	***	* * * *	* * * *	+ + + +		* * * *		* * * *	* * * *	***	* * * *	0	0	0	0	0	0	0	0	0	0	0	****
10	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	1	19	28	1	0	1	0	2
11 12	0	0	0	0	0	0	0	1	3	4	3	1	2	- 1	1	1	1	1	0	1	4	1	1	1	1
13	ŏ	ó	ő	Ō	0	0	0	ó	Ó	Ó	ò	ó	1	ò	ó	ŏ	ŏ	1	ŏ	ŏ	1	1	ŏ	ŏ	ŏ
1 4 1 5	1	0	0	0	0	0	0	0	0	0	0	1	1	1 2	0	4	4	0	1	0	0	0	0	0	1
16 17	1	0	0	0	0	0	0	1	0	0	1	1	1	0	0	2	1	3	2	****	0	1	0	0	1
18	ó	1	ó	1	1	1	ő	0	1	Ó	4	0	1	1	5	7	7	17	12	3	ĭ	ő	ĭ	1	3
19	0	1	0	1 0	0	0	1	1	0	0	1	1	1	1	1	0	1	2	0	0	0	0	0	0	1
21	0	0	0	0	0	0	****	****	0	0	- 1		0	0	0	1	0	0	0	0	0	0	0	0	n
21 22	ŏ	ŏ	1	0	ŏ	ŏ	0	0	ŏ	0		0	* * * *	0		Ö	ŏ	* * * *	ŏ	ŏ	1	ŏ	ŏ	ĭ	ŏ
23	1	0	0	0	1	1	1	0	1	****	1	****	****	****	***	****	****	4	1	1	0	1	3	2	1
24 25 26	1	6	6	4	7	6	6	7	3	2	5	3	3	2	1	1	1	1	0	1	1	1	1 2	1	3
27	2	4	2	****	2	ó	1	ó	Ó	ó	ó	ò	ò	Ó	ŏ	ò	ő	ŏ	ō	0	***	ŏ	0	ó	ó
28 29	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	* * * *	0	0	1	0
30	2	2	1	1	1	1	2	4	4	Ö	ŏ	Ö	1	Ť	4	4	Ō	3	4	4	1	4	2	0	2
31	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MEAN	1	7	0	0	4	0	0	1	1	0	1	0	1	0	1	1	1	1	2	2	1	1	1	4	1

	POLL	JTAN	T - S	ULPHU	H DIOX	IDE							UN	ITS -	PARTS	S PER	HUND	REDMI	LLION	Ú.					
	STAT	ION	- GOU	DREAU	ALGOM	A			NC	7100	2		MO	NTH SE	P	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	10000	000000000000000000000000000000000000000	****	5000	0000	0000	7 0 1 0 0 0	0001	0001	0 1 0 0 0 3 0 1	1000000	6 1 0 0 0 0 1 0	300000000	9000011060	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000080	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0 3	000000000	••••	••••	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	000000000	0000000000	0000000	0000000000	000000001	000000000	0 1 0 0 0 0 1 1	0 0 1 1 1 0 0 0	000040000	1 0 1 1 2 0 0 0	000000000000000000000000000000000000000	0 1 1 0 0 0 0 0	1 5 1 0 0 0 1 1	0 0 1 0 3 0 0 0	0000000000	0 0 1 1 0 0 0 0 0 0 0	000000000	0000010000	0000000000	0000000000	000001000	0000000000	000000000	000000000	000000000
21 22 23 24 25 26 27 28 29 30	00000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000	000000000000000000000000000000000000000	0000000	00000000	0000000	0 0 1 0 0 0 1	0000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2 0 0 0 0 0	0 0 1 0 0 0 0 0 0	020000010	02000000	04200000	0 1 4 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000	0000000	••••	000000000000000000000000000000000000000
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - GOUDREAU ALGOMA NO 71002

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY	8	1	3	15
JUN	24	1	3	13
JUL	29	2	9	31
AUG	29	न	3	28
SEP	29	0	2	12
YEAR	119	1	9	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - GOUDREAU ALGOMA NO 71002 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA MISSING FEB DATA MISSING DATA MISSING MAR DATA MISSING APR 123 MAY 5 3 1 0 0 132 JUN 443 14 2 0 0 0 459 JUL 475 40 15 14 0 545 AUG 610 1.5 3 2 0 631 7 SEP 666 0 674 YEAR 2317 81 17 2 2441 FREQUENCY DISTRIBUTION BY PERCENTILES MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 PERCENT OF DATA VALID 98 99 MAX 66 9.0 12.6 31 0.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION -VERNER PATROL YARD DOT VERNER NO 75016 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 MEAN 0001000000 0000010000 00000N+ MEAN

PERCENTAGE OF DATA VALID - 99

						ONT	ARIO	MINIS	TRY	OF 1	THE I	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANC	H						
	POLL	JTANT	- SUL	PHUR	DIO	(IDE							U	NITS .	PAR	TS PER	HUND	DREDMI	LLION						
	STAT	ION -	VERNE	R PAT	FROL	YARD	DOT	VERNER	NO	7501	6			ONTH F		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13		15		17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	000000000	0000000	••••	000000000000000000000000000000000000000		0000000	000000000000000000000000000000000000000			0000000	000000000000000000000000000000000000000	000000	000000	0000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	•••••	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -		ä								
18 19 20	0 1 0	1 1 0	0 1 0	1 1 0	1 1 1	0 1 1	1 1 1	1	1 1 1	0	0 11 1	0 1 1	0 1	0 0 1	1 1	1 0 0	1 0 0	0	1 0 1 0	0 1 0 1	0	!	0	1 0 0	0 1 1
21 22 23 24 25 26 27 28 29	0 0 0 12 1 2	0 1 0 1 3 1 0	1 1 0 1 1 0 2	0 0 0 0 2 1 0 0	0 1 0 0 1 1 1	1 0 1 0 1 1 2	0 1 0 0 1 1 1	0 1 0 1 0 1 2	0 1 0 0 0 0 1 2	1 1 0 1 1 1 1	1 1 0 1 2 1 1	1 1 2 2 1 .	0 0 DATA	0 1 0 1 2 1 2 1 MISSI	1 3 1 1 1 1 1 0 NG -	0 3 0 1 2 4	0 12 0 1 2 3	1 5 0 1 1 1 19 2	0 0 0 1 1 17	1 0 0 1 1 17	0 0 1 1 1 0	1 0 0 8 2 1	0 0 0 29 2 1	0 0 1 24 1 3	0 1 0 3 2 3
MEAN	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	1	0	1	2	2	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - VERNER PATROL YARD DOT VERNER MONTH MAY NO 75016 HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING 12234567890 2224567890 0 0 0 0 1 0 0 3 3 1 Ó

1 0

PERCENTAGE OF DATA VALID - 64

MEAN

						ONT	ARIO	MINIS	STRY	OF	THE E	ENVIR	ONMEN.	T - AIR	MA	NAGE	MENT	BRANC	H						
	POLL	UTAN	r - s	ULPHU	R DIO	XIDE							U	NITS - P	ART	S PEF	HUND	REDMI	LLION						
	STAT	ION -	- VER	NER PA	ATROL	YARD	DOT	VERNER	R NO	750	16		M	ONTH JUN		72									
HOUR	1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	3	3	2	1	1	1	.0	. 1	***	1	0	1	DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		0089	***	***	***	***	***	***	****	***	***
11 12 13 14 15 16 17 18 19 20	**** 0 0 1 0 0	* * * * * 0 0 0 0 0 0 0 0	**** 0 0 1 1	0 0 0 0 0 0 1	* * * * O O O 1 O	* * * * * O O O O O O O O O O O O O O O	**** 0 2 0 1 1	0 0 0 0 1	**** 0 0 3 0 1	**** 0 0 1 ****	* * * * 0 1 1 1 0	- 5	DATA	MISSING MISSING MISSING MISSING 0 0 1 0 0	1	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	4 0 0 0 0	50000	5 0 0 0 0 ****	2 0 0 0 0 0 ****	**** 0 0 1 0 1
21 223 245 226 27 289 30	**** 1 2 0 0 0 0 1	**** 1 1 0 0 0 0 0	****	1 0 0 0	**** 1 0 0 0 0 0 0	**** 1 0 0 0 0 0 0	****	1 0 0 0 0 0 0 0 0 0	**** 1 0 0 0 0 0 0	**** 0 0 0 **** 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0	110000000000000000000000000000000000000	DATA 1 0 0 0 1 0 0 0 0 0	MISSING 0 1 0 0 0 0 0	010000000	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	2 1 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0	1 0 0 9 0 0	1 0 0 0 5 0 0	1 1 0 0 5 0 0	1 1 0 0 0 0 0 0	1 0 0 1 0 0 0 0 0
MEAN	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0

	POLI	LUTAN	T - S	ULPHU	R DIO	XIDE							u	NITS -	PAR	TS PE	R HUNI	OREDM:	ILLION	4					
	STA	TION	- VER	NER P	ATROL	YARD	DOT	VERNE	R N	0 750	16		M	ONTH J	UL	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	000000000	000000000	000000000000000000000000000000000000000	000000000	000000000	030000000	0300000100	000000000000000000000000000000000000000	0	3 0 0	10 0 0 0 0 0 0 0 0		1 0 0 0 3 0 0	010000000000000000000000000000000000000	0	00000001	0 0 0 0 0 0	00000	2 0 0 0 0 0 0 0 0	0000	0000	000000000000000000000000000000000000000	000000000	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000	0000000	0000000	000000	0000	0000000	000000	000000	000000	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	00000	0 0 0 3 0 0 0 DATA DATA	0 0 0 12 0 0 	0000 0000 2000 • G	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000	000000000000000000000000000000000000000	000000000000000000000000000000000000000		000000	0000000	0000
21 22 23 24 25 26 27 28 29	0 1 1 2 2	0 1 1 2 2	0002233	0002222	0 0 2 2 2 2	0 0 2 2 2	0 0 2 2 1	0 0 3 2 1	0 0 3 1 0	0 0 2 0 0	000000000000000000000000000000000000000	00000	DATA	MISSIN MISSIN MISSIN 0 0 0 7	VG -		00000	000000	000000	0 0 0 1 0	001230	023230	022230	0 1 2 3 2	0 0 1 2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	n	0	n	0	n	4		0	

PERCENTAGE OF DATA VALID - 75

						ONTA	NRIO	MINIST	RY	OF T	HE E	NVIR	ONMEN	T - A	IR MA	NAGEM	ENT E	BRANC	ж							
	POLLU	JTANT	- SUL	PHUP	DIO	KIDE										S PER										
	STATI	ON -	VERNE	R PA	TROL	YARD	DOT	VERNER	NO	7501	6		M	ONTH	AUG	72										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	00010000	000000000	000000000	0000000000	000000000	000000000	000000000	0000000000	0000000000	0000000000				000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	001000000000000000000000000000000000000	002000000	000000000000000000000000000000000000000	000000000	
11 12 13 14 15 16 17 18 19	0 0 0 0 1 1 0 0	0010002100	0 0 1 0 0 1 2 1 0	0020012111	00200111211	0000022001	0 0 0 0 1 1 1 2 1	0 0 0 0 1 2 1 4 1	0000021221	0000021211	0000011221	0 0 0 0 1 1 1	0 0 0 0 1 1 2 1	2 1 1 0	0000111110	0 0 0 0 1 1 1 0 0 0	0 0 0 1 1 1 0 0	0000112000	0 0 0 1 1 0 0 0	0000111000	0100112000	0 0 0 1 1 1 0 0 0	0 0 0 1 1 1 0 0 0	010111000	0 0 0 0 1 1 1 1 0	
21 22 23 24	2.			2	2	2	!		2	2	3	2	3 2	2	3 1 2	2 2 2	2 2 4	2 4	1	2	::::	2	2	2	1 2	
25 26 27 28 29 30	0 0 0 1 1	020011	0 1 0 0	0 1 0 0 1 1	0 1 0 0 1 2	1 0 0 1 1	2100000	2200100	2500300	2 4 0 0 2 0 0	0200400	0300300	0000600	0000500	0 1 0 1 2 0	0 2 0 1 0 0	0300000	0300000	1 3 1 0 0 0	1 3 1 0 0 0	1 2 1 0 1 0 0	1200100	2 0 0 1 1 0	1 2 0 1 1	1 2 0 0 1 0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - VERNER PATROL YARD DOT VERNER NO 75016 MONTH SEP 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 0 0 11 16 0 0 0 0 0 3 0 17 0 0 0 0 26 00 00 0 11123134156171892 2122345678290 1 1 0 4 0 1 0 0 1 ó ó n MEAN

PERCENTAGE OF DATA VALID - 99

				ON'	TARIO	MINISTE	RY O	F Th	E E	NVIRON	MENT	- AIR	MA	NAGEM	ENT E	BRANCH	1						
	POLLUTANT	T - SULP	HUR D	OXIDE							UNI	TS - I	PART	S PER	HUNDE	REDMI	LION						
	STATION	- VERNER	PATRO	L YARI	TOD C	VERNER	NO	75016	6		MON	ITH OC	T	72									
HOUR DAY	1 2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
2 3 4 5 6 7 8 9	1 1 1 1 0 0 0 1 2 0 0 0 0 0 0 0 0 0 0 0	1 1 2 0 0 0 0 0 0 0	1 1 0 1 0 0 0 0 0	0		1 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0	0001000000	0 0 0 1 0 0 0 1 0	0 1 0 1 0 1 1 1	0 1 1 0 1 1 0 1	0 0 1 1 0 2 0 1 0	10110001	1 0 0 0 0 0 0 2	1 0 0 0 0 0 0 0 1	000000000000000000000000000000000000000	1 0 1 0 0 0 0 0	1 0 0 0 0 0 0 0 0	1 0 0 0 1 1 0 0 0	1 0 1 0 0 0 0 2 0 0	10000001	1010001000	1 0 1 0 1 0 0 0	1 0 0 0 0 0 0 1
11 12 13 14 15 16 17 18 19	1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0	1000011000	1 0 0 1 1 0 0 0 1 0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 1 1 0 1 4 0 0	1 0 0 0 2 0 0 7 0	1 0 0 0 12 0 0 9	1 0 1 0 4 1 0	2 0 1 0 2 0 0 0 13 0	201121001020	2011610840	2 0 1 1 1 0 9 5	1 0 0 1 1 1 0 2 4	1 0 1 1 1 1 0 0 5	1 0 1 0 0 1 0 0 7	1 1 0 1 2 0 0 7	1 1 0 0 1 0 1 5 0	1 0 0 0 1 0 1 1 0 0	1 0 1 0 1 0 0	1 0 1 1 1 2 0 0 0 1	1 0 1 1 2 1 0 3 2 0
21 22 23 24 25 26 27 28 29 30	1 0 0 0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0	0 1 0 0 0 0 1 1 0 0 0	0 0 0 0 0 0 1 1 0	0 0 0 1 1 1 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 1	1001000100	1 0 0 1 0 1 0 1 0	2002100001	1 0 0 1 1 0 0 0 0	1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 1 1 0 2 2	00010011	10001000003	1 0 0 1 0 0 0 0 0 0 3	1 0 0 1 1 0 0 1 1	1 0 0 1 1 0 0 1	1 0 0 0 0 1 1 0 0	00000110001	0 0 0 0 1 1 0 0 2	00000110001	1 0 0 0 1 1 0 0 0 0	1 0 0 1 1 0 0 1
31	1 0	0	1	0	1	1 1	1	1	1	0	1	0	0		1	0	0	0	0	1	0	0	0
MEAN	0 0	0	0	0	0	0 0	0	1	-1	1	1	1	1	1	1	1	1	1	7	0	0	0	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - VERNER PATROL YARD DOT VERNER NO 75016 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 0 0 0 0 2 3 0 0 2 0 3 0 1 1 0 1 0 0 1 1 0 0 1 Ó DATA MISSING 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 DATA MISSING 0 0 0 0000* 010 21 0 0 2 1 0 23 0 0 1 0 1 2 19 0 0 2 0 3 1 0 1 0 MEAN

PERCENTAGE OF DATA VALID - 38

						ONTA	RIO	MINIST	RY	OF TH	HE E	NVIRON	MENT	- AIR	R MA	NAGEN	MENT	BRANC	н						
	POLLU	TANT	- SULP	HUR D	IOX	IDE							UNI	TS -	PART	S PEF	HUN	DREDMI	LLION						
	STATIO	- NC	VERNER	PATR	OL.	YARD (DOT	VERNER	NO	75016	3		MON	ITH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	10000	0001020000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000010000	0000000000	1 0 0 1 0 0 0 0 0	0 0 0 0 1 0 0	0 1 0 0 0 1 0 1	0200100100	0301100200	000001300201	0 0 0 1 1 3 0 1 0 3	0 1 2 0 1 6 0 1 0 3	0 1 1 0 1 4 0 0 0	0 1 0 0 0 0 0	2 1 0 0 0 0 0 0 0 0 2	1 0 0 0 0 0 0 1 0 4	0 0 0 0 1 0 0 0 1	000000000	000000000000000000000000000000000000000	0 0 1 0 0 0 0 0 0 0	0010000000	0 1 0 0 0 0 0 0 0	000001
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	100000000000000000000000000000000000000	1 0 0 0 0 1 1 0 0	0 0 1 0 0 0 1 0 0	014000000000000000000000000000000000000	0 1 5 0 0 0 3 0 0	0 1 4 0 0 0 1 0 0 0	1090001000	1 0 6 0 0 0 3 0	0 0 0 0 8 0 0	0 0 1 0 0 0 2 0	0000000000	000000030	000000000000000000000000000000000000000	0000000000	00100000000	0 0 1 0 0 0 0 0 1	0 0 1 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	1 0 0 0 0 0 0 0 0 1	1 0 0 0 0 0 0 0 0 1	1 0 0 0 0 0	100000000000000000000000000000000000000	2000000001	000000000000000000000000000000000000000	000000000000000000000000000000000000000	100000000000000000000000000000000000000	1 0 0 0 0 1 0 0 0	1 0 0 0 0 0 1 0	100001100	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 2 1 0 0 0	000004	000000000000000000000000000000000000000	0000031001	000000000000000000000000000000000000000	0001	000000001	00000000001	0 0 0 0 0 0 0 1	0 0 0 1 0 0 0 1	0 0 0 0 0 0 0 0 1	1 0 0 0 0 1 1 0 0 1
31	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - VERNER PATROL YARD DOT VERNER NO 75016

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0	2	19
FEB	22	1	3	29
MAR		DATA MIS	SSING	
APR		DATA MIS	SSING	
MAY	21	Ť	5	42
JUN	16	0	1	9
JUL	25	0	2	12
AUG	31	0	2	6
SEP	30	1	4	26
OCT	31	1	3	13
NOV	13	1	3	23
DEC	31	O	Ĥ	9
YEAR	251	1	5	42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - VERNER PATROL YARD DOT VERNER NO 75016 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL 733 8 0 1 0 FEB DATA MISSING DATA MISSING MAR APR MAY JUN JUL AUG SEP OCT NOV Ď. DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES VALID 0.5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STA	TION	- TEA	CHERS	COLLE	GE 1ST	AVE	E N B	AY N	0 750	20		M	ONTH J	AN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4		••••	••••		***					****		:	DATA	MISSI MISSI MISSI MISSI	NG -		_	_							
6 7 8 9	1 4 1 2 2	1 2 2	1 3 1 2 2	1 3 1 2 2	1 3 2 3 2	2 3 6 3	3 4 3 4 2	3 4 3 4 2	3 4 1 4 2	3 2 1 3 3		3 2 1 2 2	4 2 1 3 2	4 3 3 4 2	3 2 3 3 2	4 1 2 2 2	1 1 4 2	2 1 0 2 3 1	2 3 1 3 3 2	2 4 1 3 2 2	2 3 1 1 3 3	2 3 1 2 2 3	2 3 1 3 2 3	2 3 1 2 2 3	3 2 2 3 2
11 12 13 14 15 16 17 18 19	3 1 1 1 3 4 4 2	4 3 3 2 1 4 4 2 2	4 3 3 3 1 4 4 2 2	4 4 3 3 3 1 3 4 2 2	1 2 3 2 1 3 4 2 2	1 2 4 4 1 3 4 2 2	22532*** 4542	2 2 4 3 1 6 5 2	2 2 4 5 1 **** 5 5 1 2	2 2 3 5 1 •••• 6 4 2 2	1 3 2 5 1 4 4 2 2	1 4 2 4 1 ••••• 2 4 4 4 2	2 2 3 1 ••••• 2 4 6	22232	22 4 3 1 •••• 24 52	2 1 13 4 2 3 16 2	2 1 4 2 0 3 2 3 4 2	2111022312	2 2 2 4 4 2 2 2	3222	2222	34322	2212	231111111111111111111111111111111111111	2 2 3 3 1 •••• 4 4 3 2
21 22 24 25 26 27 28 29 30	2 2 3 2	222333	332	2 2 2 3 3 4	1 2 2 3 3	2 2 2 3 2	3 3 5 3	2 2 2 4 3	2 2 4 4 3		4	2	1 2 5 3 1 2 5 DATA	3 3 2 5 1 12 3 MISSI	2 3 2 9 1 13 3 NG -	2 3 2 5	1 2 2 3 1		3 3 2 3 1	3 4 3	2 3 4 3 2 1 2 3	25533	3 3 3 3 1 1 2 3	3	2 3 3 4
31			-											MISSI											
MEAN	2	2	2	3	2	3	3	3	2	2	2	2	-					-	2		_	_	-	_	

PERCENTAGE OF DATA VALID - 66

						ONT	ARIO	MINI	STRY	OF :	THE I	ENVIR	ONMEN	IT - A	IR M	ANAGE	MENT	BRAN	СН						
	POLI	UTAN	r - si	ULPHU	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUN	DREDM	ILLIO	ı					
	STAT	TION -	TEA	CHERS	COLL	EGE 15	ST AV	E N B	AY NO	750	20			ONTH I		72									
HOUR DAY 1	1		3	4	5 3	6	7	8	9	10	11	12		14	15			0.55	19	20		22	23	24	MEAN
2						1					201212		DATA	MISS	ING -			1111	7.000	1111					
4 5 6 7 8 9	1 1 0 2 4 2 3	2 2 0 2 4 2 3	2 2 0 2 4 2 2	2 4 1 2 4 2	1 4 1 2 2 2 3 0	5 3 3 3	2 6 3 3 3 1	2 5 3 4 3 0	1 5 3 4 3 0	1 8 6 4 4 2 0	1 9 3 3 4 2 2	1 10 4 2 7 2 2	1 12 1 0 6 1	10 10 10 10 10 15	2 2 0 0 8 1 6	2 3 0 1 0 6 1	1 3 0 1 4 1 0 2	1 3 0 4 4 1 0	2 6 1 4 5 1 3	2 6 0 2 6 0 3 1	2 2 0 3 5 0 3 2	2 1 0 3 5 0 3 3	2 1 0 2 5 1 3 4	21 00 24 44 44 44 44 44 44 44 44 44 44 44 44	2 4 2 3 4 2 2
11 12 13 14 15 16 17 18 19	3 3 3 2 0 1 1 0 0	2332202100	3 5 3 2 1 0 1 1 1	3 4 3 1 0 1 1 1	233311100111100	2 6 3 1 0 0 1 1 1	3 7 4 2 1 0 1 1 1	3643111220	3 6 4 3 1 1 1 2 2 0	354311120	2543111120	4 5 4 3 1 1 1 1 2 0	5 4 1 1 1 2 3 0	6 4 1 2 1 1 2 1 0	3 5 4 1 4 1	2 6 5 0 1 1 0	25550111100	3 5 5 2 0 0 1 0	2544041100	3 5 3 2 0 3 1 1 0 0	4 9 2 2 0 2 1 1 0 1	7 4 2 2 0 2 1 1 0 0	6 4 2 0 2 1 1 0 0	4 3 3 2 0 3 1 0 0	3 5 4 2 1 1 1 1
21 22 23 24 25 26 27 28 29	0 2 2 0	0000	0 0 1 0	0 0 2 0	0 0 1 0	0 0 1 0	0 1 0	1 0 1 0	0 0 1 1	0 1 0	0 0 0	0000	DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	0000	0 3 0	0 3 0	0 4 0	1 5 0	0 5 1	5 0	2 5 0	0 0	0 1 1 0
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	•	_			

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH MAY STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020 24 MEAN DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 1 1 5 3 1 1 1 1 2 1 0 1 1 1 1 2 1 1 0 0 0 1 0 0 1 0 1 1 0 1 0 0 1 ***'
2 1
0 0 0
0 0
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DATA MISSING
DATA MISSING - DATA MISSING MEAN

PERCENTAGE OF DATA VALID - 31

						ONTA	ARIO	MINIS	STRY	OF 1	THE E	NVIR	NMEN	T - AIR	MA	ANAGEN	IENT	BRANC	н						
	POLI	UTAN	r - sı	JLPHU	R DIO	(IDE							U	NITS - F	PART	TS PEF	HUND	REDMI	LLION	١					
	STA	TION	- TEAG	CHERS	COLLE	EGE 18	ST AVE	N BA	AY NO	7502	20		MO	NUL HTMC	1	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 2	16	17	18	19 0	20	21	22	23	24 0	MEAN
2 3 4 5 6 7 8	0 1 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 1 ****	****	**** 0 0 **** 0 0 0	0 0 ****	0 0 0 1 0 0 0	0 1 0 0 0 0	00000000	000000000000000000000000000000000000000	000000000	00000000	00000100	0000000	0000000	000000	0	000	****	0 1 * * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000
9 10	U	U	U	U	U	U	U	U	0		Ü	-	DATA	MISSING											
11 12 13 14 15 16 17 18 19 20	0 0 0 0 1	0000	00000	0000	0 0 1 0	00010	0 0 1 0	0 0 1 0	0 0 1 0	0 0 1 0	0 0 0 0	0 0 1 1 6	DATA DATA DATA	O *** O TINE MISSING MISSING MISSING MISSING MISSING	G -	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 ****	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1	0 0 1
21 22 23 24 25 26 27 28 29 30	***	***	****	非农业力	0 % 0 0	0000	***	***	0000	***	0 0 0 0		DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		٦	1	1	2	1	2	2	2	2	***
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 2 2 1 1 2 2 2 2 ...2 ...2 SUNDUNUNUNU 3 1 1 2 1 1 0 12 13 14 15 16 17 18 19 20 2 1 1 2 1 1 1 1 1 1 1 2 1 1 0 1 . . . 1 22 23 24 25 26 27 28 29 30 1 0 0 0 0 0001:00000 .00000000

PERCENTAGE OF DATA VALID - 97

1 1

1 1

MEAN

						ONT	ARIO	MINIS	STRY	OF	THE	ENVIR	ONMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLLU	TANT	- SI	ULPHU	R DIO	IDE							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	TEA	CHERS	COLLE	GE 1	ST AV	E N B	AY N	IO 750	20		MO	NTH A	UG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 A	MEAN
1 2 3 4 5 6 7 8 9	1000000000	1010000001	000000000	00000	10000	1 1 0 0 0 0 0	100010000	0 1 0 0 0 0 0 1	000	1 0 1 0 1 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	••••••••	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000	000000000	0000000000	000001000	00000000	0100100000	000000000
11 12 13 14 15 16 17 18 19 20	000000001	0000000000	0100000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000	0 0 0 1 0 1 0	0 1 0 0 1 0 1	000000000000000000000000000000000000000	00000	0000000000	1000000000	1000000000	0000000000	0000000000	0000000000	0000000000	000000000	100000000	000000000	000000100	0000000000	000000000	000000000	0000000000
21 22 23 24 25 26 27 28 29 30	000000001	0000000000	0000000001	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0001000400	00011000	0020001000	00200000	000200000000000000000000000000000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	0000100000	0 0 0 0 0 0 0 0 0	000000000	000000000	0 0 0 1 0 0 1 0 0
31	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - TEACHERS COLLEGE 1ST AVE N BAY MONTH SEP 0000* 0000* 0 5 DATA MISSING 00000* DATA DATA DATA DATA DATA 0 0 MISSING MISSING MISSING MISSING 0 0 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 1 0 0 1

 PERCENTAGE OF DATA VALID

MEAN

						ONTA	RIO	MINIS	TRY	OF 1	THE E	NVIR	ONMEN	T - AIR	MA	ANAGEM	IENT	BRANC	Н						
	POLI	LUTAN	T - SI	JLPHU	R DIO	KIDE							U	NITS - F	PART	TS PEF	HUND	REDMI	LLION	ı					
	STAT	TION -	- TEAG	CHERS	COLLE	EGE 1S	T AVE	N BA	Y NO	7502	20		M	ONTH OCT		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 1 0 1 0 4 0	1 0 0 1 0 0 0 3 0	1 0 0 1 0 0 0 0 1	1 0 0 0 0 0 0	0 0 0 0 1 0 0 0	000001001	000000001	0 0 0 1 0 0 0 1	0 1 0 0 0 2 0 0 0	0 0 0 0 0 0 0	0 0 0 0 1 0 1 0	0 0 0 1 1 0 1	0 0 0 1 2 0 0	O	0000000101	1 0 2 1 0 0 0 0	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 1 0 0 0 0	0 0 0 0 2 0 0 0	0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 1 0 0 0 2 0	0 0 0 0 0 0 1
11 12 13 14 15 16 17 18 19 20	**** 1 0 2 3 1 1 1 2	**** 1 0 0 1 0 1 1	**** 1 0 0 2 1 0	**** 1 0 0 1 1 1	***** 0 0 0 0 1 1 1	**** 1 0 0 1 2 0 ****	* * * * 1 0 1 1 2 1 1 1	****	**** 1 0 0 1 2 1	**** 0 0 1 0 2 1 1	1 0 1 1 1 8 1 0	10011003	DATA DATA 3 0 3 0 0 2 1	MISSING MISSING 0 0 4 0 1	101010	1 0 3 1 0 1 0 ****	0 0 0 1 0 3 0	0 0 1 1 0 5	1 0 1 1 0 3 3	0 0 1 0 0 2 2	0 0 1 1 0 1 2	1 0 1 0 0 1 2	1 1 0 4 1 1 1 2	1 0 1 0 0 0 2	**** 0 1 1 1 2 1 ****
21 22 23 24 25 26 27 28 29 30	**** 0 3 1	1 1 3 1	1 1 0 1	0 0 2 1	0 0 7 1	0 0 2 0	0 0 3 1	3 1 1 1	12 1 1	6 1 1	3 1 2 1	1 1 2 1 -	DATA DATA DATA 0 3 1 1 DATA	MISSING MISSING MISSING 0 2 1 1 MISSING MISSING	0221-	0 2 1 1	1 4 0 1	1 1 1	0 1 2 0	0 2 1 0	0 1 1 1	0 1 0 1	0 3 1 0	1 3 0 0	1 1 2 1
31	****	* * * *	* * * *	****		***		* * * *	***	***	* * * *	***		1	1	0	0	0	0	0	***	* * * *	****	***	****
MEAN	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

TATION -	TEACHERS	COLLEGE	1ST	AVE N	BAY	NO	75020	MONTH NOV	72

	SIA	TON	- IEA	CHEHS	COLLI	EGE 1	SI AVI	F N R	AY N	750	20		М	ONTH	NOV	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1			0				0	0			2	****	****			****					0	0	0	0	
2	••••	0	0	0	0	0	0	0	0	2		****	0	0	0	0	0	0	0		ŏ	ŏ	ŏ	ŏ	0
3	0	0	0	• • • •	****	• • • •					****						****	****							
5											_	:	DATA	MISS	ING -					417		1111	1.00		
7	0	0	0		****						2	0	0	0		0	0	0	0	. 0	. 0	0	0	0	••••
á				U		22.7.5		1111	23.75					MISS	(10)				• • • •						
9													DATA		TIAG -	3	2			^	0	0	•		
10			****	0	0	0	0	0	0	0	0	0	0	0	0			:		****	****	****			
9.00	2000								100	-	-		-	-											
11	****	****	2222		****		****			****			****	****	****	****	****			2	2	0	2	0	****
12		1	0	0	0	****	****	****		2	. 0	1	1	****	0	0	0	0	0	0	0	****	****	****	0
14	0		0							Ö			0	0	0	****	****	0	0	0	Ō	0	0	0	****
15	ŏ	ŏ	ñ	ŏ	ŏ	ň	ŏ	9	3	1	0			0	0		ŏ	0	ŏ	ŏ	ŏ	ŏ	o	o o	0
16	1	ĭ	2	ĭ	2	ž	1	ົດ	ñ	ò	ň	ŏ	ó		'n	ŏ	×	ŏ	0	ŏ	2	ő	ò		1
17			0		****	ō	0	ŏ	ĭ	ŏ	ŏ	ŏ	ŏ	0	ŏ		ŏ	ñ	ň	****		ň	ŏ	0	×
18	0	0			0	0	0	0	0	0	ō	ō	ŏ				****	ŏ	ŏ	0	0	ĭ	ŏ	ŏ	ŏ
19	Ō	0	0	0	0	0	0	0	0	0	0	0		0	0	****	0	i	ō	****	ĩ	Ò	ŏ	ŏ	ŏ
20	1	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	Ō	Ŏ
21	0	0	0	n	0	0	0		0		^	0	0	O	0			- 2			•	_	4		-
22	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ò	ŏ	ň		****	1	ŏ	****		0		****	0	Ň	ŏ	0	ŏ	Ö
23	1	1	0	Ö	Ō	ĩ	1	ĭ	ĭ		0		ó	****			****			••••	****	ň			••••
24	0		0				0		3	4	7	2	3	0	0	0	****	0	0	1	0	ŏ	0	0	1
25 26	0	0	0	••••	ō	0	0		0	0	0	****				0	0	0	Ö	0		ō	Õ	ō	ó
27		Ü	Ö	0	ŏ	0	o			0	ō	Ŏ	0	0	0	0	0	0	0	0	0	0	0	1	0
28	ŏ	Ň	Ų	****	ŭ	Ų	0	0	ŏ	ō	0	0	0	2	3	5	1	- 1	1	1	0	0	4	2	1
29	ž	3	3	3	2	3		,	×	,	2	1	2	2	1	0	0	0	0	o o	0	3	ŏ	4	1
30	ō	ŏ	ŏ	ĭ		ŏ	ō	• • • •	2	2	ŏ	õ	1	á	1	ŏ	0	0	-	2	1	0	ŏ	0	1
						-			•	-				•		U	U	U			U	,	U	U	U
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 62

					o	NTAR	10	MINIS	TRY (OF T	HE E	NVIR	ONMEN	T - A	IA N	ANAGE	WENT	BRANC	н						
	POLLU	JTANT	- SUL	PHUR	DIOXID	E							U	NITS	- PAF	RTS PE	R HUNI	DREDMI	LLION						
	STATI	ON -	TEACH	ERS	COLLEGE	1ST	AVE	N BAY	NO NO	7502	0		м	ONTH	DEC	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 2 0 0 0 0 0	1022003000	0 1 1 2 0 0 2 0 0	100021001003	0002100007	100200004	100000004	1 10 0 0 0 1 0	1090002106	0 1 8 1 0 0 1 0 1 5	1 4 5 0 0 0 1 0 0	0 3 3 0 0 0 0 0 0 3	0 3 1 0 1 0 5 0 3	0200066008	30000	20000	01102000	0 1 1 0 0 0 2 0 0	0 1 1 0 0 0 2 0 0 5	0120002005	022200021000	0 1 2 0 0 1 1 1 0 0	0 1 3 0 0 3 1 0 0	0 1 3 0 1 0 0 0 0 0 0	0 1 3 1 0 1 2 0 0 3
11 12 13 14 15 16 17 18 19	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 0 2 0 0 0 1 0 1	2002000001	301200000	N009000000	1000100000	1002000000	1 0 0 3 0 0 0 0	1000100000	0021010000	1 0 1 0 1 1 1 2 0	2 0 1 0 0 0 1 0 0	30 21 10 20 00 0	202550001	000000000000000000000000000000000000000	30000	4052002000	000000000000000000000000000000000000000	3041001020	20100001030	3000001020	2000000000	1 0 3 0 0 1 0 0	1 0 1 0 0 0 3 0 0 0	20110001000
21 223 24 225 227 28	0	000	0	0 0 0	0 0 0	0 0 0	0	0	0 0 1	0 0 1	0 0 1	0 0 1	DATA	0 0 1 MISSI MISSI MISSI MISSI	ING -	0	0 0 4	0 0 1	0	0	0	0	00		0
29 30	1 0	3	1 0	4	3 •••	0	1 0	0	8	0	0	0	0	0	0		0	0	0 0 0	0	0	000	0	0	1 0
31	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	3	4	17
FEB	23	2	5	12
MAR		DATA MI	SSING	
APR		DATA MI	SSING	
MAY	10	1	2	5
JUN	15 ®	0	1	6
JUL	31	1	2	8
AUG	31	0	1	4
SEP	25	0	1	13
OCT	23	1	2	12
NOV	27	0	1	7
DEC	27	1	3	10
YEAR	237	1	5	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

ALTON -	LEMONENS	COLLEGE 131 AVE	IN DAT	140 15020			
	00 TO 04	05 TO 10 11	TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN	465	27	3	2	0	0	497
FEB	448	51	1	0	0	0	500
MAR		DATA MISSING					
APR		DATA MISSING					
MAY	236	1	0	0	0	0	237
JUN	289	1	0	0	0	0	290
JUL	717	5	0	0	0	0	722
AUG	710	0	0	0	0	0	710
SEP	548	3	1	0	0	0	552
OCT	505	4	1	0	0	0	510
NOV	448	2	0	0	0	.0	450
DEC	606	15	0	0	0	0	621
YEAR	4972	109	6	2	0	0	5089

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT												
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN		
69	0	0.1	0.4	0.6	0.9	2.1	3.0	4 3	5.3	17	0.9		

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - PENAGE SUDBURY AIRSHED NO 77001 MONTH MAY MISSING MISSING 2 27 0 0 0 14 2 0 2 16 0 0 0 21 0 0 0 0 1 38 0 1 41 12 ...0 ...0 ...0 ...0 1 1 1 1 DATA MISSING DATA MISSING 32 20 0 0 0 DATA MISSING 32 10 0 0 0 DATA MISSING DATA MISSING ...0 MEAN

PERCENTAGE OF DATA VALID - 58

					ONTARIO	MINI	STRY	OF T	HE E	NVIR	NMENT	- A1	R MA	NAGEM	ENT	BRANC	н						
	POLLUTAN	IT - SUL	PHUR	DIOXI	DE						UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATION	- PENAG	E SUD	BURY	AIRSHED		NO	7700	1		MO	NTH J	UN	72									
HOUR	1 2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	:AN
1 2 3 4 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 1 0 0 0	1 1 1 1 0 0 1 1 0 0 0	0 1 1 1 2 0 0 1	1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0	0211000000	1 1 0 1 0 0 0 0	1 1 0 1 0 0 3 0 0	1 1 0 1 0 0 4 0 0	1 1 1 0 0 0 0	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0	1 1 0 0 0 0 0 0 0 0	1 1 0 0 0 1 0 0 0	1 1 1 0 0 0 0 0 0 0	1 1 1 0 0 0 13 0	1 1 1 1 0 0 0 0 0 0	1 1 1 0 0 1 0 0
11 12 13 14 15 16 17 18 19	0 0 0 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0	1000	0 1 0	0	0 1 0 0 0 0 0 1	1 0 1 1 1 1 1 1	0 1 1 1 1 1 0 1	0 1 0 0 1 0 1	0 1 0 1 0 0 1	1 1 0 0 1 0	0 1 0 0 1 1	0 1 0 0 1 0 1	0001001	0 0 1 0 0 1 0	0 0 0 1 0 0 1 1	000100010010	0 0 1 1 0 1 0	000110110	0 0 0 1 0 0 1 1 1 0		0 0 0 0 0 0 0	0 ***	0 0 1 0 0 1 0 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1	0 0 1 1 0 0 1	0 0 1 1 1 0 1	0 0 2 2 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 1 1	0 0 0 21 0 0 0 1 1	0 0 0 33 1 0 0	0 0 0 1 5 0 0 0 1 1 0	0 0 1 24 1 0 1 1 1	0 0 2 6 1 1 1 1	0 0 2 2 2 3 1 1 1 1	0 0 1 1 1 1 0 0 0 1	0 0 1 0 7 0 1 0	0 1 7 7 0 1 1	0 0 1 30 10 1 1 0	0 0 0 23 8 0 1 0 2	0 0 1 5 0 1 1	000013000122	0000101122	0 0 0 1 1 1 1 2 1	000001110011111	0 0 0 9 4 0 1 1
MEAN	1 0	0	0	1	0	1	1	1	1	1	1	2	1	1	1	2	1	1	1	0	1	0	1

	POLL	UTAN	r - SI	JLPHUF	XOID F	IDE							U	NITS - I	PART	S PER	HUND	REDMI	LLION	ı					
	STAT	ION -	- PEN	AGE SU	JDBURY	AIR	SHED		NO	7700	1		M	ONTH JUI	L	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	44	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	1 0 0 1 0 0	1 0 0 0 1 1	1 1 1 1 0 0 1	0 1 1 1 0 0 0	1 1 3 1 0 0 0 1	0 6 1 0 0	1 9 1 0 0	1 1 8 1 0 1 0	1 0 33 1 0 1 0	1 0 32 1 0 0 0	1 0 1 1 1 0 0	1 1 1 1 0 1	1 1 1 0 0 0	1 0 1 0 0 0 1 0	1 0 0 1 0 0 1 0	1 0 0 1 0 0 1 0	1 0 0 0 0 0	0 0 0 0 0 1	0 1 0 0 1 0 1	1 1 0 1 1 1 1 1 1	1 0 1 0 1 0	1 0 0 0 0 0	1 0 0 0 0 0 0	1 0 0 0 0 0 0	1 4 1 0 0 1
8 9 10	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	0	0	0	0
11 12 13	0	0	0	1	1	0	1	0 ****	0	0	0	0	DATA	MISSIN	G -	0	0	1	1	****	1	****	0	1 0	0 ****
12 13 14 15 16 17 18 19 20	0	0	0 0 0	1 0	0 1 0	1 0	0 1 ****	1	1	0 1 ****	****	0 0 0 0 0	1 1	1	1 * * * *	***	****	1	1 ****	****	****	****	****	****	1
18 19 20	1 1 1	1	1 1 1	1 1	2 1 1	2 1 1	1	1 0 ****	1 1	1 18 ****	1 7 ****	1 2 ****	1 3 ****	1 3	i 3 ***	1 2 * * * *	1 ***	i 1 ****	1	1	1 1	1 ****	1	1	1 2 ****
21 22 23 24 25 27 28 29 30	**** 1 0 0	**** 0 1 2	**** 1 1	* * * * 1 1 0	0 1 0	**** 1 0 0	**** 1 0 0	0000	**** 0 0 0	**** 1 0 0	**** 1 ****	* * * * * * * * * * * * * * * * * * *	DATA DATA 0 1 **** DATA DATA	MISSING MISSING 0 0 1 0 MISSING MISSING MISSING	G - 0010	0 1 1 0	0 1 0 0	1 0 1 0	1 0 1 ****	1 0 0 ****	000	1 0 0	3 0 0	3 1 0 ****	1 0 0
31	* * * *		***	0 0 0 0	0040		***			* * * *	0	0	0	0	0	0	0	1	1	1	0	0	0	0	***
MEAN	1	1	1	1	1	1	1	1.	2	3	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1

PERCENTAGE OF DATA VALID - 64

						ONTA	ARIO	MINIS	STRY	OF T	HE E	NVIR	NMENT	r - AI	R M	ANAGEN	MENT	BRANC	H						
	POLL	UTANT	- SU	LPHUI	R DIO	XIDE							UN	NITS -	PAR	TS PEF	HUNE	REDMI	LLION	1					
	STAT	ION -	PENA	GE SI	JDBUR'	Y AIRS	SHED		NC	7700	1		MC	NTH A	UG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	1 0 1 0 1 1 0 0 1 1	002000000	0 0 1 0 0 1 1 0 0	1 0 2 0 0 1 1 0 0	0 0 1 0 0 0 1	1 0 1 0 0 1 0 0	0 0 1 1 1 0 0 1	0 0 1 1 1 1 0 1 1	1 0 1 1 1 1 0 0 0	0 1 0 1 1 0 1 0 1	0 0 0 0 1 0 0	1 1 0 1 1 1 0 0 0	1 0 0 0 0 0 1 0 0	1 1 0 0 0 0 0 0	0100001	1 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 1 0 ****	0 0 0 0 0 1 0 0 0 ****	0 1 0 0 0 1 1 1 1 1	0 1 1 0 0 0 0 0 0 0 0 0	0 1 1 0 1 0 1 0 ****	1 0 1 1 1 0 1 0 ****	0 0 0 1 1 0 0 0 0 ****	0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14	1 0 0 0	1 1 0 0	1 0 0	1 0 1 0 0	1 0 0	1 0 0 0	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 0	0 0 0 0	0 0 1 0	0 0 0 1	0 0 0 0	0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1	0 1 1 ****	0 0 1 ****	0 0 0	1 0 0 0	1 0 1 0	0 0 0 0
16 17 18 19 20	****	****	****	****	*** o 0 1	**** 0 1	****	**** 0 0	0 0	0 0	0 0	0 0	DATA DATA 0 0 0	MISSI MISSI 0 0	NG - NG - 0 0	1 0 0	0 1 0	1 1	0	0 0 0	0 0 1	0 1 0	0 1 0	0 1 0	0 0 0
21 22 23 24 25 26 27 28 29 30	01000000	000000000000000000000000000000000000000	0 1 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0300000000	000000000000000000000000000000000000000	0 1 0 0 0 0 0 0	0000000000	0 0 1 0 0 0 0 0 0 0 0 0	0000000000	006000000000000000000000000000000000000	0 0 0 0 1 0 0	0 0 1 0 0 0 0 0	1 1 3 0 0 0 0 0	010000000000000000000000000000000000000	1 0 1 0 0 0 0	002000000	1 0 2 0 0 0 0	1 0 1 1 0 0 0 0	1 0 1 0 0 0 0	0 0 0 0 0 0 0 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	POLLU	IAN	- SUL	PHUR	DIOX	IDE							U	VITS -	PART	S PEF	HUND	DREDMI	LLION	i					
	STATI	ON -	PENAG	E SUC	BURY	AIRSH	IED		N	770	01			ONTH S		72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 0 0	000000000	000000000000000000000000000000000000000	100000000	0000000000	100000000000000000000000000000000000000	0000000000	000000000	0000000000	00300000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	0100000000	00000	0000000000	0000000000	0000010000	0000000001	0000000000	0000000000	0000100000	000000000
11 12 13 14 15 16 17 18 19	0	0100000000	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***************************************	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 22 0 0 0	1200010	0 0 0 3 0 0 22 0	0 0 0 0 1 0 0 16 0	0 1 0 0 5 0	0 1 0 0 1 0 1 0	0 0 0 0 1 1 0 0	000110000000000000000000000000000000000	0 0 1 0 1 0 10 0	1 0 1 **** 0 1 0 0 0	0 1 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 4 •••• 0 0 0 0 2	0 3 , 0 0 0 0 3 0	0 0 3 0 0 0 0	1 0 0 0 0 0 0	00000000	000000000000000000000000000000000000000	••••••	0 0 1 2 0
21 223 24 25 267 28 29	000000000000000000000000000000000000000	0000010110	000000000000000000000000000000000000000	000000100	000000000000000000000000000000000000000	•	000000000000000000000000000000000000000	00000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	1 0 0 0 1 0 0	00000100	0100000	0 0 1 0 10 0 0	0 0 1 0 4 1	000004	0000001101	0001200100	0 0 1 4 0 0 1	000000000000000000000000000000000000000
MEAN	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	n	0	1	0					

PERCENTAGE OF DATA VALID - 94

						ONTAR	OIF	MINIS	STRY	OF 1	THE E	NVIR	ONMEN	T - AI	R M	ANAGEN	IENT	BRANC	н						
	POLLU	TANT	- SULP	HUR	DIOXI	DE							υ	NITS -	PAR	TS PER	HUNE	REDMI	LLION	ı					
	STATI	ON -	PENAGE	SUD	BURY	AIRS	4ED		NO	7700)1			ONTH O		72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 0 1 1 1 0 0 0 0	0101112000	0 1 0 1 0 1 8 0 0	0101012000	0 1 0 0 0 0 0	0 1 0 1 0 0 1 0 0	0101011000	0 1 0 0 0 0 1 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 7 0 0	0000003000	010000000000000000000000000000000000000	0000004000	0 0 1 0 0 6 0	10000	0 0 1 0 0 24 0 0	0001009000	0001006000	0001000	0 1 0 1 0 0 0	0101000	0000	0 0 0 1 1 0 0 0 0	0000110000	0101004000
11 12 13 14 15 16 17 18 19	0 0 0 1 0 0 0	0 0 0 0 0 0	00001000	0000000	0 0 0 0 0	00000	0 0 1 0 0	0000	1 0 1 0 0 0	0 0 0	0000		DATA	O O O O O O O O O O O O O O O O O O O	4G -	00000	00000	1 0 0 0 0	0 0 1 0 0	00000	0 0 1 0 0 0	0 0 1 0 0 0	0 0 1 1 0 0 0	0 0 1 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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31												4	DATA	MISSIN	ıG -										
MEAN	0	0	1	0	0	0	0	0	1	1	0	0	0	1	í	2	1	1	0	O	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - PENAGE SUDBURY AIRSHED NO 77001

FREQUENCY DISTRIBUTION BY PERCENTILES

VALID

75

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MI	SSING	
FEB		DATA MI	SSING	
MAR		DATA MI	SSING	
APR		DATA MI	SSING	
MAY	24	3	9	58
JUN	30	1	9	33
JUL	24	1	4	33
AUG	29	0	1	6
SEP	30	0	2	22
OCT	17	0	4	24
YEAR	154	1	9	58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - PENAGE SUDBURY AIRSHED NO 77001 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN DATA MISSING FEB DATA MISSING MAR DATA MISSING DATA MISSING APR MAY 379 24 10 436 JUN 680 7 7 698 JUL 470 4 0 1 2 0 477 0 1 0 0 AUG 652 0 653 1 SEP 671 4 3 0 0 679 2 OCT 384 5 Q 0 0 391 YEAR 45 12 23 3334 3236 14

MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95

0 0.1 0.3 0.5 0.7 1.0 1.8

266

ARITH MEAN

0.9

MAX

58

98

7.6

9.9

19.2

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	TION	- 394	MONTA	GUE AVE	SUDBUF	RY	N	0 770	05		м	ONTH JA	N	72									
HOUR	1	2	3	4	5	6 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9												DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G										
11 12 13 14 15 16 17 18 19	**** 0 15 0	****	0 0 0	0 0 0	0 0 0	0 0 0 0 0 5	0006	0004	0003	0002	- - - - 0 0 7	DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN O 0 0 0	G - G - G -	0 0 0	0 0 14 0	0 0 11 0	0 0 7 0	0 0 0	0 0 0 0	0000	0 5 0 0	0 17 0 0	1 2 2
21 22 23 24 25 26 27 28 29	0000	00000	0 0 0 59	0 0 0 76	0 0 0 65	0 0 0 0 0 0 34 4	0000	37 0 1	0 0 22 0	000	30880	DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING	G - G - G -	2 0 0 3	0 0 0 4	0 0 0	0 0 0 24	5 0 0 4	0 0 0 2	0 0 0 4	0	0	1 0 3 2
31											*	DATA	MISSING	G-										
MEAN	2	2	7	10	8	4 1	1	5	4	1	3	2	2	2	1	2	1	۵	1	0	1	1	2	3

PERCENTAGE OF DATA VALID - 25

						ONT	ARIO	MINI	STRY	OF T	THE E	ENVIR	ONMEN	T - AII	R MA	NAGEM	ENT E	BRANCH	4						
	POL	LUTAN	T - S	ULPHU	R DIO	XIDE							U	NITS -	PART	S PER	HUNDE	REDMIL	LION						
	STA	TION	- 394	MONT	AGUE	AVE SI	UDBUR'	Y	N	7700)5		M	ONTH M	AR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8		••••	****	****									DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG - NG -										
10	0	0	0	0	0	0	0	13	0	0	3	4	0 6 0	0 2 41	7 47	1 4 5	0 6 0	0 2 0	0 2 0	10 0	0 3 0	0	0	0 •	3 4
11 12 13 14 15 16 17 18 19	0106003000	0205002000	0200010000	2		010000000000000000000000000000000000000	0002	0 0 1 **** 0 2 0 0 0	0 0 8 **** 0 1 0 0 0	005000000000000000000000000000000000000	0 0 8 7 0 2 0 0 0	00882010000	0 2 0 0 0 0 0 2 1	0000000080	0000000060	0 0 0 0 0 0 0 0 3 4	000000000018	000000000000000000000000000000000000000	000000000	000000000	000000000	0000000000	00000000000	00000	00110022
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 14 0 0 0 0 0 0 0 0 0 0 0 0	030000000000000000000000000000000000000	000000000	0000000000	0000000000	000000000000000000000000000000000000000	1000000050	4 0 0 0 0 0 0 7 0	4 0 0 0 0 1 0 0 23 0	200000000000000000000000000000000000000	0000000000	2000000000	000000000	2000000000	5000000000	3000000000	0000000000	0000000600	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 1 0 0 0 0 0 1 4 0
31	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	2	9	0	0	0	0	0	0	1
MEAN	•	1	- 4			0	0		0			- 2			_	ŝ		-	-		-		_		

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 394 MONTAGUE AVE SUDBURY NO 77005 MONTH APR 0 0 4 12 0 0 2 2 DATA MISSING 0 0 NG - 0 0 0 0 0 2 **** 0 0 0 0 0 0 0 0 0 0 0 10 1 0 0 0 4 0 2 0 0 0 **** *00000 ODDOOOOOOO *00000 0 0 0 0 0 0 0 0 0 ...0 . . . 0 22 23 24 25 26 27 28 29 30 00000* 0 **** 0 0 0 0 0 0000* 0 0 0 0 0 0000* 23 0 0 0 6 0 23 5 19 0 1 7 28 0 0 18

 PERCENTAGE OF DATA VALID -

MEAN

					0	NTARIO	MINI	STRY	OF	THE	ENVIR	DNMEN.	T - AIR	MA	NAGEM	ENT	BRANC	Н						
	POLLU	TANT	- SL	JLPHUR (DIOXID	Е						UI	NITS -	PART	S PER	HUND	PREDMI	LLION						
	STATI	ON -	394	MONTAGE	JE AVE	SUDBU	RY	N	0 770	05		M	ONTH MA	Y	72									
HOUR DAY	1	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	400000000	32000000	130000000	100000000000000000000000000000000000000	100000500		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 12	0000	5000000000	300000000000000000000000000000000000000	DATA 1 1 0 0 0 0 0 0	MISSIN 0 2 0 0 0 0	IG - 1 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 23 0 0 0	1 0 0 13 0 0 0	0000000004	000000000000000000000000000000000000000	0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0000000000	0000000	1 0 0 2 0 0 0 1 3
11 12 13 14 15 16 17 18 19 20	000000000	7000000006	21 0 0 0 0 0 0 0 0 0 0 0 3	11 0 0 0 0 0 0 0	1000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3	0 0 0 0 0 0 0 0	4 0 0 0	0 14 0 0 0 0 0 0 0 0 0 3 25	0 7 0 0 0 0 0 0 3 2	0 4 3 4 3 0 ****	0	0 11 0 9 0 0 0 0 4	0 2 0 11 0 0 0 0 2 2	0207000033	0400000000	0 2 0 0 0 1 1 0 0 4	0000004003	0000000000	0 0 0 0 0 0 0 2 0 1	000000000000000000000000000000000000000	0 2 0 0 0 0 0	2302000013
21 22 23 24 25 27 28 29 30	0	0 0 0	000	0 0	0 0 0	0	0 0 0 0 0 ****	000		000	000	DATA DATA DATA DATA DATA	0 0 0 0 MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G - G - G -	0 0 ****	0 0	000	0 0	0 2 ***	0 4 ****	000	00	0 2 ****	00
31											(2)	DATA	MISSIN	G -										
MEAN	0	4	4	90	ň	0	0 0	- 4	- 4	0		. 4	•		- 0	4	41	^	4	4	4	0	0	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 394 MONTAGUE AVE SUDBURY NO 77005

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	9	3	3	76
FEB		DATA MISS	SING	
MAR	24	1	4	47
APR	29	1	4	61
MAY	22	Ĭ	3	25
YEAR	84	1	4	76

		ONTAR	IO MINISTRY	OF THE	ENVIRONMENT	- AIR MANA	GEMENT BRAI	NCH	
MONTHLY GE	ROUP FREQUE	NCY CLASSI	FICATION FOR	72					
POLLUTANT	- SULPHUR	DIOXIDE			UNIT	- PARTS PER	HUNDREDMIL	ION	
STATION -	394 MONTAG	SUE AVE SUD	BURY	NO 77005					
	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 BOVER	TOTAL		
MAL	163	12	3	4	2	3	187		
FEB		DATA MISSI	NG						
MAR	519	26	5	5	0	2	557		
APR	575	14	4	5	1	*1	600		
MAY	484	12	7	6	0	0	509		
YEAR	1741	64	19	20	3	6	1853		
FREQUENCY	DISTRIBUTI	ON BY PERC	ENTILES						
	PERCENT OF DATA			EDECNIE	CONCENTRA		-		ADTT
	VALID	MIN	10 3	0 50	NCY DISTRIBU	FION, PERCEN 90 95	98	99 MAX	ARITH MEAN
	62	0	0.1 0	.3 0.6	0.8	1.9 5.2	12.0	20.5 76	1.0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - BURWASH SUDBURY AIRSHED NO 77009 MONTH MAY HOUR DAY 24 MEAN DATA MISSING 2 3 4 5 6 7 8 9 10 0 **** *** 11561718 1190 212234 2267 22930 000* 000400 Ô . . 00 ...4 004* 0 0 1 022* 4 9 0 Ó DATA MISSING

PERCENTAGE OF DATA VALID -

 MEAN

						ONT	ARIO	MINIS	STRY	OF 1	THE E	ENVIR	ONMEN	T - A	IR M	ANAGEN	MENT	BRANC	H						
	POLI	UTAN	r - sı	JLPHU	R DIOX	IDE							U	NITS	- PAR	TS PEF	R HUNE	REDMI	LLION	1					
	STAT	TION -	- BURN	VASH :	SUDBUF	Y AI	RSHED		N	7700	09		M	ONTH .	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	0	0	0	0	0	0	3 0	5 0	0	0	0		DATA	MISS:	ING -	****	* * * *	* * * *	* * * *	* * * *	****	* * * *	* * * *	****	****
5 6 7	0	0	****	0	5 0 8 5 5 0 8 5 5 0 8 5	4 3 4 4 4 5 6 4 4 5 6 6	****	0 * * * *	0 * * * *	0 * * * *	0 0 0 0 0	0 ***	0 * * * *	0	 0	0 ***	0	0	0	0 **** 0	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
10	0	****	****	* * * *	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 12 13	0 0 0	0000	0	****	0 0 0 0 0 0 0	0 * * * * * * * * * * * * * * * * * * *	0 * * * * * * * * * * * * * * * *	000	0 0 0	* * * * 0 0	****	0 0 0	****		0	* * * * ° 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 * * * *	0 0 0
15 16 17 18 19 20	**** 0 0 0 0	**** 0 0 0	00000	* * * * 0 0 0 0 0	0 0 0 0	* * * * 0 0 0	**** 0 0 0 0	**** 0 0 0 0	**** 0 0 0 0	**** 0 0 0 0	**** 0 0 0	****	0 0 0 0	MISS:	0 0 0 0	**** 0 0 0	0000	0000	00000	0 0 0	00000	0 0 0 0	0 0 0 0	0000	* * * * * O O O O
21 22 23 24 25 26	0 0 0	0 0 0	0	0	0	0	0 0 0	0 0 0	000	0 0 0	0	0	**** 0 0 DATA	0 0 MISS:	0 0 0 ING -	0 0	0	0 0 0	0	0 0 0	0	0 0 0	0 0	0 0	0 0 0
25 26 27 28 29 30	**** 0 0 0	* * * * 0 0 0 0	****	****	**** 0 0 0	****	****	****	00000	0 0 0 0	0 0 0	00000	DATA 0 0 0 0 0	MISS: 0 0 0 0	ING - 1 0 0 0 0	0 0 0	00000	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0000	0 0 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0

	POLL	UTANT	- SULF	HUR	DIOXI	DE							U	NITS -	PART	TS PE	R HUND	DREDM:	ILLION	Ì					
	STAT	ION -	BURWAS	H SI	U DB URY	AIF	SHED		N	0 770	09		M	ONTH J	UL	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	000000000	000000000000000000000000000000000000000	0000000000	000000000	000000000	000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000	000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000	000000000	0000000000	000000000	0000000000	00000000
11 12 13 14 15 16	00000	00000	000000	0000001	000000000000000000000000000000000000000	0000001	0000	00000	00000	00000	000000	00000	00000	0000	00000		000	00000	0000	0000	00000	0000	00000	000000	00000
18 19 20	0	0	0	0	0	0	0	••••	••••	••••	••••	0	DATA 0 0	MISSI	NG -	0	0	0	0	0	0	0	0	0	
21 22 23 24 25 26 27 28 29 30	000000000	0000000000	00000000	000000000	000000000	0000000000	0000201000	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	00000	200000000	400000000000000000000000000000000000000	000000100	000000000	000000000	000000000000000000000000000000000000000	00000000	000000000	000000000	00000000	000000000	0000000000	000000000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 92

					(OIRATM	MINIST	TRY	OF TH	E E	NVIRO	MENT	- AI	R MA	NAGEME	NT E	BRANCH	4						
	POLLU'	TANT	- SUL	PHUR I	ΙΙΧΟΙΟ	DE						UN:	ITS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	BURWA	SH SU	DBURY	AIRSHE)	NO	77009			MOR	A HTM	UG	72									
HOUR DAY	1	2	3	4	5	6 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	000000000	0000000000	0000000000		000000000000000000000000000000000000000	000000000	000000000	000000000	000000000		00000000	000000000	000000000	000000000	000000000000000000000000000000000000000	00000000	000000000	000000000	000000000	000000000	000000000000000000000000000000000000000	000000000
11 12 13 14 15 16 17 18 19 20	0000000000	0000000000	000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0000000000	0 0000000000	0 0000000000	0 000000	0 0000000000	0 0000000000		0 0000000000	0 0000000000	0 0000000000	0 0000000000	0 0000000000	0 000000000	0 000000000	0 0000000000000000000000000000000000000	0 0000000000	0 0000000000
21 22 23 24 25 26 27 28 29 30	00000000	0000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0 00 00 00 00 00 00 00 00 00 00 00 00 0	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000	000000000
31	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - BURWASH SUDBURY AIRSHED NO 77009 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 12 13 14 15 16 17 18 19 20 0 0 17 MISSING DATA 0 0 0 * * * * 0 0 . . . 0 0 0 . . . 0 **** **** **** ...00 9 * * 0 22 23 24 25 26 27 28 29 30 21 0 0 0 0 1 0 0 0 0 0 0 0 03000* MEAN

PERCENTAGE OF DATA VALID - 85

						ONTA	RIO	MINIS	STRY	OF T	THE E	NVIR	NMENT	Г - A	IR MA	ANAGEM	ENT	BRANC	ЭН						
	POLLU"	TANT	- SUL	.PHUR	DIOXI	DE							UN	NITS	- PART	rs per	HUNE	DREDMI	LLIO	N					
	STATIO	ON -	BURWA	SH SU	DBURY	AIF	RSHED		NO	7700	9		MC	ONTH (OCT	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		21	22	23		MEAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	0000000010	000000000	000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000	0000000000	0000000053	000000000000000000000000000000000000000	00000000000	0000100050	0 0 0 0 0 0 0 0	00000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 0 1 0
11 12 13 14 15 16 17 18 19 20	0000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1000000000	100000000000000000000000000000000000000	000000000000000000000000000000000000000	200000000000000000000000000000000000000	2000005030	7 0 0 0 2 0 11 0	0 0 0 0 0 5 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 5 0 0 0 0 0	0000000000	0 0 7 0 0 0 0 0	0 0 5 0 0 3 0 0	000000000000000000000000000000000000000	0 0 5 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 1 0 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	****	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	****	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	****	0000000001	0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0 0	****
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* * * *			***				0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - BURWASH SUDBURY AIRSHED NO 77009

POLLUTANT - SULPHUR DIOXIDE	UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY	22	0	2	27
JUN	25	0	O	5
JUL	30	0	0	4
AUG	31	0	0	0
SEP	29	O	3	27
OCT	31	0	1	11
YEAR	168	0	3	27

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLI	LUTANT	- SULPHUR	DIOXIDE			U	NIT -	PARTS PER	HUNDREDMILLION
STAT	TION -	BURWASH S	UDBURY AIRSHED		NO 77009				
		00 TO 04	05 TO 10 11	TO 14	15 TO 25	26 TO 3	9 4	0 &OVER	TOTAL
	JAN		DATA MISSING						
	FEB		DATA MISSING						
	MAR		DATA MISSING						
	APR		DATA MISSING						
	MAY	411	8	2	1		1	0	423
	JUN	450	1	0	0		0	0	451
	JUL	689	0	0	0		0	0	689
	AUG	741	0	0	0	i)	0	741
	SEP	610	2	0	4	:	2	0	618
	OCT	715	11	1	0	()	0	727
	YEAR	3616	22	3	5	;	3	0	3649

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA				FREQUENCY	CONCENT		PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
82	0	0.1	0.3	0.5	0.7	0.9	1.0	1.2	3.7	27	0 1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION
STATION - CALLUM SUDBURY AIRSHED NO 77010 MONTH MAY 72

	STAT	LION	- CALI	LUM S	SUDBUF	RY AIF	RSHED		NC	770	10		М	ONTH MAY		12									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
11 12 13 14 15 16 17 18 19	****	000000000000000000000000000000000000000	**** 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	**** 0 0 0 0 0 0 0	**** 0 0 0 0 0 0 0	**** 0 0 0 0 0 0	1 0 0 0 0 0 0	25 0 0 0 0 0	39 0 0 0 0 0	120000000000000000000000000000000000000	DATA 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	200000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	00000000	000000000000000000000000000000000000000	000000000	000000000	000000000	000000000	6 0 0 0 0 0 0 0 0 0 0
21 22 23 24	0	0 0	0	0	0	0 0	0 0 0	0	0	0 0 0	0	0	DATA	0 0 MISSING MISSING	0 0	0	0 0	0 0	0 0	0 0 ****	0 0	0 0	0 0	0 0	0 0
21 223 234 256 27 289 30	**** 0 0 0 0	**** 0 1 0 0	****	* * * * 0 0 0 1	**** 0 0 0 0 ****	**** 0 0 1 0	****	**** 0 0 0 0	45 0 1	**** 116 0 1	**** 3 1 0 1	0 0 1 0	0		0 0 0 0 1	0 0 0 0	0 0 0 0	00000	0000	0 0 0 1	0 0 0 0	0 0 0 1	0 0 0 1	0 0 0 1 2	**** 7 0 0 1
31	1	1	2	1	1	1	0	1	1	1	1	1	***	0	1	-1	1	1	1	1	1	2	3	2	1
MEAN	0	0	0	0	0	0	0	0	3	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1

PERCENTAGE OF DATA VALID - 53

	DOLL		- SULF	N. II UD		ONTARIO	MINI	STRY	OF 1	THE E	NVIRO		- AI NITS -		NAGEN		BRANC		ï					
						AIRSHE	,	NC	7701	10			NTH J		72	HOND	TEDMI	LLION	•					
HOUR	91M1	10N - 2	3	1 30	5 PODUNT	6		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 1 1 2 5 1 0	1 0 1 1 1 1 1 4 1 0	1 1 2 1 1 1 5 1 0	1111112510	0 1 1 1 1 3 1 0	0 (0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2 1 3 1 1 9 2 2 1 1	0 1 2 1 1 1 2 2 1	0 0 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 2 1 1 1 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 20 2 1 1 1 1 5	0 8 2 1 1 3 5 7 0	0 15 2 1 1 1 1 2 12 0	3 0 1 1 1 1 3 1 3 1	0 0 1 1 1 1 1 1 1 0 0	0 0 2 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0	2 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 1 1 1 1 0 0 ****	0 1 2 1 2 2 4 1 1	1 3 2 1 1 2 2 5 1
11 12 13 14 15 16 17 18 19 20	**** 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	**** *** *** 0 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		1 0 0 0 0 0 0 0 0 2	**** 3 1 2 0 0 0 2 0	**** 2 1 1 0 0 0 0	0 1 1 0 0 0 0 0 0	1 1 1 0 0 0 1 0 0 0	DATA 0 0 1 0 0 12 0 0	MISSI 0 0 0 0 18	NG - 1 0 0 2 0 11 0 0	1 0 0 0 0 26 0 0	60000	0 0 0 11 0 54 0 0	0 0 16 0 47 0 0	0 0 0 0 0 2 8 0 0	000004000	000000000	000000000000000000000000000000000000000	100000000000000000000000000000000000000	1 0 1 0 1 1 0 0 0 0 0 0
21 223 24 25 26 27 28 29 30	000000000	0000000101	0 0 0 0 0 0 0	000000110	000000000000000000000000000000000000000	0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0000000004	0000000001	0 0 0 0 0 0 0 0 0	000000000	000000000000000000000000000000000000000	0 0 0 0 17 0 0	000000000000000000000000000000000000000	0 0 0 1 1 0 0	0 0 0 0 0 0 3 0 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000001	000000000000000000000000000000000000000
MEAN	1	0	1	1	0	0	1 1	1	1	1	1	1	2	1	3	5	4	3	1	1	0	0	1	1

	POLLU	TANT	- SULP	HUR DI	OXI	Œ							UN:	ITS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	CALLUM	SUDB	URY	AIRS	HED		NO	7701	0		MON	NTH JU	JL 1	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	5 16 0 0 0 0 0	200000010	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ŏ i	000000000000000000000000000000000000000	0 1 0 0 0 0 0 0 1	011000000000000000000000000000000000000	1230002100000	6200490100	1000250100	0 0 0 7 16 0 0 8	1 1 0 1 2 6 0 0 0 2	1000012330000	12 3 0 1 8 10 0 0 0 3	5 3 0 9 0 0 0 1	8 5 0 6 3 0 0 0	3 0 0 2 0 4 0 0 7	0 0 1 0 1 0 0 0 3	2000000008	000000000000000000000000000000000000000	000000001	200000000000000000000000000000000000000	20000000	3 0 0 0 0 0 0	3201220002
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000		1 0 1 0 0 0 0 0	0 0	100000000000000000000000000000000000000	1 0 0 0 0 1 0 1 0	0100000000	000000000011	100000000000000000000000000000000000000	1000000000	000000000000000000000000000000000000000	0000500000	10000400100	0000100000	0000000000	0000600000	0 0 0 0 17 0	100000	0000000000	0000000000	0000000000	001000010	0 4 1 1 0 1 0 0 0 0 0	0100000000	0000000000
21 223 24 256 27 28 29 30	000000000	2100000000	0 1 1 1 0 0 0	0 0	1	200300001	100000	500000	000510000	1500000	0 0 0 1 0 0 0 0 0 28	0000000090	000000000000000000000000000000000000000	•	0001	4023000050	0000000000	0001000000	1100000	0000000000	0001000000	0 0 0 0 0 0 0 1	0000000000	1000000000	000000000000000000000000000000000000000
31	0	0	0	0 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0 0)	0	0	1	1	Ĩ	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1

PERCENTAGE OF DATA VALID - 99

						ONT	ARIO	MINIS	STRY	OF '	THE E	NVIR	ONMEN	т - А	IR M.	ANAGEN	MENT	BRAN	СН						
	POLI	UTANT	- SU	JLPHU	R DIO	(IDE							U	NITS	- PAR	TS PER	HUNE	REDM	ILLION	ı					
	STAT	ION -	CALL	UM :	SUDBUF	RY AI	RSHED		N	770	10		M	ONTH	AUG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	000000000	000100000	000000000	000000000000000000000000000000000000000	000000000	0	00000111201	000000000000000000000000000000000000000	••••	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 0 0 1 1	0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000	0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 1 0 1 0 1	1 0 0 0 0	1 0 0 2 1 0	3 0 0 1 1	2 2 1 0 1	22 1 1 0 0	2 2 0 0 0	2 1 0 1 0	1 0 0 1 0	1 0 0 1 0 0	0 0 0 1 0	2 1 0 0 0 0 0 2	DATA	MISS MISS MISS 1 2 0 1 0 0 2	ING -	3 2 0 1 1 0	3 2 0 1 0 0	4 1 0 2 0 0	2 2 0 1 1 1 1 1	2 1 0 1 0	1 1 0 1 1	1 2 0 0 1 1	1 2 0 0 1 1	1 1 0 0 0 0 0 0 0	20011
21 22 23 24 25 26 27 28 29 30	1 0 1 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	1 0 2 0 1 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 1 0 0 2 0	100000000000000000000000000000000000000	1000010200	1000910300	2 0 0 0 28 1 0 5 0	1 0 0 18 0 5 0	1 0 0 0 17 0 0 8 0	0 0 0 14 0 0 5 0	0 1 0 0 1 4 0 0 0 0 0 0 0 0	1600300	0 1 0 2 14 0 0 0	0 1 9 0 1 0 0	0200501000	020020000	020000000000000000000000000000000000000	0 2 1 0 0 0 0 0 0 0 0	1 1 0 0 1 0 0	0100600200
31	0	0	0	0	0	0	0	0	2	2	1	0	1	1	1	1	1	1	2	2	2	2	2	2	1
MEAN	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	11	0	1	0	0	1

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - CALLUM SUDBURY AIRSHED MONTH SEP NO 77010 HOUR DAY 1 2 3 4 5 6 7 8 9 1 0 0 0 1 3 0 1 0 1 14 0 0 0 0 0 0 0 0 0 0 NOOOOOOOON 0 0 20 0 0 0 0 0 0 12 13 14 15 16 17 18 19 20 . 0 * * * 0 0 0 0 1 0 1 0 * * 0 2 0 0 1 0 22 23 24 25 26 27 28 29 30 0 0 0 0 0 0 21 0 0 0900*00000 5 0 1 0 1 0 0 0 6 *0000000 ONOOOOOOOO 0400 * 8001 MEAN

PERCENTAGE OF DATA VALID - 95

						ONTA	RIO	MINIS	TRY	OF T	HE	ENVIR	NMEN.	r - AIR	M.A	NAGEM	ENT	BRANCE	4						
	POLL	UTANT	- SL	JLPHU	R DIOX	IDE							U	NITS -	PARI	S PER	HUND	REDMI	LLION						
	STAT	ION -	CALL	.UM	SUDBUR	Y AIR	SHED		NO	7701	0		MC	ONTH OC	Т	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 15	0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0001010200	0 0 2 0 1 0 5	0 0 2 0 0 7 0 2	0002000602	0 1 0 1 0 0 6 0	000000000000000000000000000000000000000	0 1 0 1 0 0 0 0	0 15 0 1 0 0 9 10 0	0 11 0 0 0 0 16 17 0	0 7 0 0 0 0 13 2 0	0 4 0 0 0 0 6 1 0	0 1 0 0 0 0 5 0 0	0 0 0 0 0 0 1 0 0	000000000	0 2 0 1 0 0 2 4 0 0
11 12 13 14 15 16 17	0000	0 0 0 0	0 0 0	0000	0 0 0	0 0 0 1	00000	0 0 0 0 2	0 0 0 0 19	00006	0000	0	DATA	0 0 0 0 MISSIN MISSIN	G -	0 0 0 1	0 0 0 0	0000	00000	0 0 0 0	0 0 0 1	1 0 0 15 ****	0 0 0 4	0 0 0 4 ****	0 0 0 1 3
19	**** 0	* * * *	****	* * * *	0 * * *	****	****	****	****	* * * *	3	4	5 0	MISSIN 2 0	0	3 0	10	2 0	1 0	0	0	0	0	0	****
21 22 23 24 25 26 27 28 29 30	0000000000	00000000	0000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	000000000	0000000000	000000000000000000000000000000000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	4	1	1	1	1	0	0	0	0	1	2	4	0	1	0	0	0

	POLLU	ITANT	- SULP	HUF	IIXOID F	DE							U	NITS -	PART	TS PE	R HUN	DREDM:	ILLIO	V					
	STATI	ON -	CALLUM	S	UDBURY	AIRS	HED		NO	77010)		M	ONTH NO	٥V	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0	0	0	0	0	0	0	0	0	0	0		DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	1G - 1G - 1G - 1G - 1G - 1G -	****	****	••••	••••	••••	****	••••	••••	****	****
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG -										
21 22 23 24 25 26 27 28 29													DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG - IG -										
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	••••	••••	***	••••	****	• • • •	• • • •	• • • •	• • • •	••••	••••	• • • •	0

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - CALLUM SUDBURY AIRSHED NO 77010

POLLUTANT	- SULPHUR DIOXIDE			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY	18	9	7	116
JUN	29	1	11	60
JUL	31	1	3	28
AUG	27	1	6	28
SEP	30	1	4	36
OCT	28	0	4	19
NOV	1	0	0	0
YEAR	164	4	11	116

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - CALLUM SUDBURY AIRSHED NO 77010 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA MISSING JAN FEB DATA MISSING MAR DATA MISSING APR DATA MISSING MAY 390 1 396 1 1 2 1 JUN 639 9 671 12 5 2 4 JUL 703 26 5 4 0 739 AUG 599 7 3 3 1 0 613 SEP 660 3 20 4 1 0 688 OCT 631 16 3 6 0 0 656 NOV 12 0 0 0 0 0 12 YEAR 3634 82 24 23 3775 FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 ARITH MEAN MIN 10 30 98 MAX 99 73 0 0.1 0.3 0,6 0.8 1.0 2.4 8.3 13.5 116 0.7

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STA	TION	- SKE	AD	SUDB	URY AI	RSHED	1	NO	770	12		M	ONTH I	YAN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	***	***	***	• • • •	****		0	0	1	0	****	#. #. #. #.	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING -	0	0	7	10	5	1	0	0	0	2
11 12 13 14 15 16 17 18 19 20	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	002000000	000000000000000000000000000000000000000	0 0 31 0 0 0 0	0 56 0 0 0 0 0 0	0 7 0 0 0 0 0 0	0 0 5 52 0 0 9 0 7	0 29 47 0 0 0 0 33	000000000000000000000000000000000000000	0 0 14 13 0 0	0 0 7 23 0 0 	0 12 10 17 0 0 0	0 14 4 22 0 0 0 4 29	0 25 0 8 0 4 0 ****	0 48 0 3 0 0	0 11 0 0 0 0 0	000000000000000000000000000000000000000	0 0 12 0 0 0 0	0050000		0 5 8 8 0 0 0
21 22 23 24 25 26 27 28 29 30	0000000000	0000000000	0000000000	000000000	000000000	000000010	0 0 0 1 0 2 0 0	0 0 0 0 84 0 29	0 0 0 0 1 8 0 2 9 3 6	0 0 0 0 10 5 87 56 0	0 0 0 0 13 12 9 25	0 0 0 0 31 11 16 5	0 0 0 0 23 2 10	0 0 0 0 10 0 11 7	0 0 0 0 0 17 ****	0 0 0 0 2 5 11 0	0 0 0 0 13 8 10	0 9 0 0 8 10 12	0 0 0 0 0 12 5	0 0 1 0 0 0 4	000000000	000000000000000000000000000000000000000	0000000100	000000000	0 0 0 0 10 3 9
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	7	7	13	6	8	3	3	3	4	5	6	4	1	0	1	0	0	3

PERCENTAGE OF DATA VALID - 66

						ONT	ARIO	MINI	STRY	OF '	THE I	ENVIR	DUMEN.	Т - А	IR M	ANAGEN	MENT	BRANG	CH						
	POLL	UTANT	- SU	L PHU	R DIO	KIDE							U	NITS	- PAR	TS PEF	HUNE	DREDM	ILLION	v					
	STAT	ION -	SKEA	D	SUDBI	JRY A	IRSHE	D	N	0 770	12		M	ONTH.	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1.6	17	18	19	20	21	22	23	24	MEAN
1 2 3	0	0	0	0	0	0				0						11	****	**** 5	* * * * 0	****	****	••••	0	****	
5 6 7 8 9	00000	000000	0 1 0 0 0	00000	00000	000000	00000	00000	000000	00000	0 4 0 0 0 0	21 0 0 0 0	0 17 0 0 0 0	0 25 0 13 0 0	8 0 0 0	0 1 0 0 0	0200000	000000	000000	0 0 27 0 0	0 1 0 43 0 0	0 7 0 24 0 0	1200000	0000000	0 4 0 5 0 0 0
11 12 13 14 15 16 17 18 19 20	0 0 1 37 3 0 0 0	0 0 0 37 0 0 0 0 0 5	0 0 0 2 19 0 0	0 0 0 4 0 0 0 0	000000000000000000000000000000000000000	000600000000000000000000000000000000000	4 0 1 0 0 0 0	6 2 0 0 0 0 0 0 0	5 8 0 1 0 0 0 68	9 0 2 8 0 0 47 40 0	21 0 0 0 0 13 14 9	43 3 0 0 15 6	0 70 24 10 0 **** 23 12 4	5 25 14 10 0 **** 8 1	13 50 14 0 0 19 10 0	12 52 23 00 28 62 0	3 1 5 19 0 36 14 11 24	0 1 13 29 0 0 38 2 17	09200055040	0 0 0 11 0 0 55 0	0208000	0 0 0 11 0 0 7	00 54 90 00 00 30	2000000	2 10 5 11 3 0 12 6 8
21 22 23 24 25 26 27 28 29 30	0000000000	000000000	000000000000000000000000000000000000000	000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	00000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0000000007	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000005
MEAN	1	1	1	0	0	0	0	0	3	4	3	5	7	5	7	4	4	4	2	3	3	2	3	1	3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - SKEAD SUDBURY AIRSHED NO 77012 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 0 0 0 0 0 0 0 0 0 0 0 0 0 6 13 5 22 0 0 0 0 3 7 9 5 4 4 9 4 8 0 0 0 19 30 48 5 26 0 0 0 22 38 20 0 0 0 2 4 2 7 7 2 0 0 0 0 0 0 0 3 8 2 1 3 0 0 0 0 0 0 31 2 0 0 0 0 0 2 1 0 9 7 5 1 0 0 0 0 0 17 6 2 0 1 0 ô MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING 2 0 0 0 0 0 0 0 10 1 000000* 0000 0 0 12 0 0 0 0 21 0 04000* MEAN

PERCENTAGE OF DATA VALID - 70

						ONTA	N OIF	MINIS	TRY	OF T	HE E	NVIRO	NMENT	r - A)	CR MA	ANAGEM	ENT	BRANC	н						
	POLLU'	TANT	- SUL	PHUR	DIOXI	DE							1 U	NITS -	PART	TS PER	HUND	REDMI	LLION						
	STATI	ON -	SKEAD		SUDBUR	Y AIF	RSHED		NO	7701:	2		MC	NTH A	AUG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	0 1 0 0 0 0 1 0 0 0	0 1 0 0 0 1 0 0 0	0100000000	0 0 0 0 0 0 1	10000000000	1 0 0 0 0 1	0000000000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 2 0 2 0 1 0	1 0 0 0 1 1 1 0 3 0 0	0 0 0 0 0 0 0 0	0 0 1 **** 1 0 0 0 1 0	1 0 0 0 0 0 0	0 **** 1 0 0 0 0 0 0	0 1 0 0 0 0 0 0	0 1 0 0 0 0 0 0	000000000	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19 20	000001000	0000010000	0 0 0 0 0 1 0	0000000001	0 0 0 0 0 0 0 1	000000000	000000000000000000000000000000000000000	0 0 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 1 0	1 0 1 0 0 0 0 1 0	100000000000000000000000000000000000000	****	0 0 0 1 0 0 0	0 0 0 0 1 1 8 ****	0000108000	0 0 1 0 1 0 4 0 0	1 0 1 0 2 0 8 0 1 0	1 0 0 0 2 0 20 0 1 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 8 0	0 0 0 0 0 0 1	0 0 1 0 0 0 1 1 1	0 0 1 0 0 0 0 1 0 0	0000003000
21 223 24 25 267 289 30	2011112220000	1 2 0 0 0 1	10 0 0 2 0 0 0 1 1 0	3010100100	132000000000000000000000000000000000000	9101000000	16 0 0 0 0 1 0 1	820000000	7 0 0 0 0 1 3 0 0 24	1 0 0 1 0 0 1 0 0 8	0 0 2 2 0 1 7 0 0 15	0 0 0 1 1 1 1 2 5	3 0 0 1 0 0 4 0 2	2 0 0 0 0 0 0 1 2 4	11 0 0 0 0 2 1 0	0106102004	1 0 1 34 1 1 0 0 0	7 0 0 26 0 0 3 0 0	8 0 2 1 0 0 0	4 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0001000204	0 0 0 31 0 0 0 0	4 0 5 0 0 5 0 0 2 0 5 5
31	1	2	1	2	0	1	4	26	41	52	11	4	2	20	11	9	33	35	19	14	10	4	7	20	14
MEAN	0	0	1	0	1	4	1	1	3	2	1	2	1	1	2	2	3	3	2	1	1	0	1	2	1

	POLL	JTANT	- SUL	PHUR	DIOXID	Œ							UN:	ITS -	PART	S PER	HUNDE	REDMI	LLION						
	STAT	ION -	SKEAD)	SUDBURY	AII	RSHED		NO	7701	2		MON	NTH SI	EP	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	4 0 0 0 0 0 1 0 0	5000005000	400000	3 0 0 0 1 0 28 0 0	2100204000	2 0 0 8 0 7 0 0	12 0 1 0 1 0 4 0 0 0 0	19 0 2 0 0 0 0 30 0	67 1 0 0 5 41 0	26 0 0 26 13 0 6	16 0 0 0 0 27 5 0 0 27	7 0 1 0 0 21 7 0 0	3 0 1 0 0 4 6 0	0 0 1 0 0 0 0 0 0 0 0 0	0 0 2 1 0 0 8 0 0	0 0 0 0 0 4 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 1 0 0 0 0 0	8 0 0 0 1 3 10 0 4
11 12 13 14 15 16 17 18 19	7 0 0 0 0 0 5 0	00000	000000000000000000000000000000000000000	200000000000000000000000000000000000000	0 0 0 0 3 0 0	2 0 0 0 1 0 0 0 1 0	1 0 0 0 0 0 0 0 0 1 0	0000100020	0000	0 0 0 0 16 0 0 0	0 0 0 7 19 5 0 0 2 0	0 0 0 16 11 0 0	0 0 0 16 48 0 0	0 0 0 7 2 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000500001	0 7 0 0 0 0 0 0	0 8 0 0 0 0 0	0600000000	0 3 0 1 0 0 0 0 0 0 0 0	0 2 0 1 0 1 0 0	000004	1 1 0 0 4 5 0 0 0 1
21 22 23 24 25 26 27 28 29 30 MEAN	0 0 0 1 5 0 0 0 0 0 1	0 0 0 1 23 1 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 1 0 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 1 2 9 0 1	0 0 1 0 1 0 1 1 1 1 1 4 0	5 0 2 0 1 0 1 2 8 0	8 0 4 0 4 0 0 1 0 0	48 08 9 1 0 0 0 0	6083600000	3 0 12 30 0 0 0 0	2 1 8 1 9 2 2 0 0 0 0 5 5	2 0 7 1 5 9 0 0 0 0 0	13 0 13 10 13 0 0 0	14 0 9 9 18 0 0 15 0 0	4 0 5 2 11 0 0 20 0 0	3 1 4 1 0 0 0 0 0 0 0 1	4 0 14 11 0 3 0 0 0	5 0 6 10 0 2 0 0 0	1 0 8 3 1 0 0 0 0 0 1	1 0 3 5 0 0 0 0 0 0 0 1	1 0 1 9 0 0 0 5 0 0 1	13000000	5055700220 2

PERCENTAGE OF DATA VALID - 99

						ONT	OIRA	MINIS	STRY	OF 1	THE E	NVIR	ONMEN.	T - A	IR M	ANAGEN	MENT	BRANCI	Н						
	POLL	.UTAN1	r - su	JLPHU	R DIO	(IDE							UI	NITS	- PAR	TS PEF	HUNE	REDMI	LLION	٧					
	STAT	TION -	SKE	AD	SUDBI	JRY A	IRSHE	0	NO	7701	12		M	ONTH (OCT	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	300000000000000000000000000000000000000	3 0 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 20 0 0 0	25 20 0 1 63 0 0	5 2 0 4 103 0 0	11 1 0 3 46 0 0	1 0 0 1 24 0 0 0 DATA 9	0 4 0 0 18 0 0 0 0 MISSI	0 3 0 0 12 0 0 0 0 1 7	0 2 0 6 11 0 0	5 3 0 28 6 0 0	10 2 1 0 2 0 3	8 0 0 1 0 8 0	1 0 0 0 2 0 7	0 1 2 0 4 0 3	0 1 2 6 2 0 1	0 1 1 0 0 1 2 0 0 0 0 0	0 2 1 0 12 2 0 0 0	3 2 0 2 14 1 1
11 12 13 14 15 16 17 18 19	7 0 0 20 0 4	40 0 0 15 0 2	1 0 0 2 2 5	1 0 0 0 2 2 1 1 1	3	3	0 0 0 0 0 0 0 1	5	0000	0 0 0	3 0 1 0 	4 0 2 0 **** 0	DATA	6 0 32 0 **** 0 MISSI MISSI MISSI	ING -	20 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30 0 3 0 	35 0 11 0	206020	0 0 25 0 2 0	19 0 2 0	0 0 1 0 0 0	000000	0 0 0 0 3	8 0 6 2
21 22 23 24 25 26 27 28 29 30	3 0 0 0 41 35 8 0	31 7 0	1 0 0 0 15 12 0	322000	5 0 0 0 22 31 0 0	4 0 0 0 3 16 18 0 0	4 0 0 0 5 17 14 1 0	6 0 0 5 12 5 12 0	3 0 0 0 3 42 8 11	9 0 0 10 33 45 23	11 0 0 0 8 27 26 12 0	2 0 0 10 35 5 1	1 0 0 0 3 18 3 2 0	9 0 0 7 7 1 5 0	8 0 0 1 6 6 0 0	14 0 0 0 14 24 2 0 0	3 0 0 0 15 39 1 3	2 0 0 0 17 28 0 0	0 0 0 13 24 0 0	1 0 0 0 0 43 0 0	0 0 0 6 7 0 0	0 0 0 0 34 10 0	0 0 0 0 21 16 0 0	0 0 0 0 43 9 4 0 0	4 0 0 0 11 22 10 3 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	6	5	2	1	3	2	2	2	4	10	8	5	5	5	3	5	6	4	2	3	2	3	3	3	4

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE SUDBURY AIRSHED NO 77012 MONTH NOV STATION - SKEAD 14 15 16 17 0 0 0 0 0 0 0 0 0 0 0 DATA MISSING
0 0

0 0

PERCENTAGE OF DATA VALID - 5

0 0

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - SKEAD SUDBURY AIRSHED NO 77012

NOV

YEAR

38

FREQUENCY DISTRIBUTION BY PERCENTILES

3300

PERCENT OF DATA VALID

73

0

193

0

0

86

0.1 0.4

10

30

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY	22	3	11	116
JUN	30	3	12	70
JUL	23	2	12	79
AUG	31	1	14	52
SEP	30	2	10	67
OCT	27	4	22	103
NOV	2	0	0	0
YEAR	165	2	22	116

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - SKEAD SUDBURY AIRSHED NO 77012 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN DATA MISSING FEB DATA MISSING MAR DATA MISSING APR DATA MISSING MAY 422 31 15 1.2 9 8 497 JUN 587 28 16 21 9 10 671 JUL 462 21 12 10 7 521 AUG 693 17 8 735 SEP 623 48 15 19 8 5 718 OCT 475 48 20 30 14 10 597

0

101

0.6

38

3777

98

29.1

99

40.6

MAX

116

2.5

0

53

FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95

6.9

0.9

0

15.1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STAT	ION -	- RAY	SIDE	SUDBU	RY A	IRSHED)	NO	770	1 4		M	ONTH N	YAN	72								
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11	5. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -	16	17	18	19	20	21	22	23	24 MEAN
11 12 13 14 15 16 17 18 19												5	DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -									
21 22 23 24 25 26 27 28 29 30	**** 0 0 0 0	****	****	0	**** 0 0 0 0 0	****	****	****	**** 0 0 0 0	****	**** 0 0 0 0	****	DATA	MISS MISS MISS 70 0	ING -	**** 37 0 0 0	**** 3 0 0 0	****	00000	0 0 0 0	0000	000000	0 0 0 0	0 **** 0 9 0 0 0 0
31	0	0	0	0	0	0	0	0	0	0	0	0 0 0 0	9 9 9 9	* * *			***		0	0	0	0	0	0 0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	10	14	13	7	1	0	0	0	0	0	0	0 2

PERCENTAGE OF DATA VALID - 19

						ONT	ARIO	MINIS	TRY	OF TH	HE E	NVIRON	MENT	- AIF	R MA	NAGEM	ENT E	BRANCH	4						
	POLLU	TANT	- SI	JLPHUF	R DIO	KIDE							UN1	ITS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	RAY	SIDE	SUDBU	JRY A	IRSHED)	NO	77014	4		MON	JU HTM	JN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 1 0 0 0	000000000000000000000000000000000000000	0000700000	0 0 0 28 0 0 0	0 0 18 0 2 0 0 0	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0 0 1 0 2 0 0 0 0 0
11 12 13 14 15 16 17 18 19	000000000	0000000000	000000000	0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0 0 24 0 0 0	0 0 0 47 0 0 0 0 3 12	0 0 1 52 0 0 0 0 50	0 9 8 0 0 0 0 27	0 0 1 0 0 0 0 0	000000000000000000000000000000000000000	0000000000	000000000	003000000	0 26 0 0 0 0 0 0 0	0 29 0 0 0 0	7 0 0 0 0 0	0000000000	0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0000000000	0 3 6 0 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000400	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 11 0 0 0 0	000000000000000014	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 3 1	00000001460	0000000340	000000000000000000000000000000000000000	00000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 1 0 0 4 1 2
MEAN	0	0	0	0	0	0	9	2	4	2	0	1	1	2	1	1	1	1	0	0	0	0	0	0	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	JTANT	- SUL	PHUE	R DIOXIC	Œ							U	NITS	PAR	TS PEF	HUND	REDM							
	STAT	ION -	RAYSI	DE	SUDBURY	AI	RSHED		NO	7701	14			ONTH .		72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	000000000	0000000000	000000000	0 0 0 0 0 0 0 0	000000000	000000000	000000000	0000008000	0000010000	0 0 0 0 13 0 0	0000040000	0000000080	0000000000	0000000000	0 0 0 0 0 0 0 0 0 2 3	40	540	0 0 0 0 0 0 0 0 23	0 0 0 0 0 0 0 0 0 2 3	0 0 0 0 0 0 0 0 0 0 0 0	000000010	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0 0 7 0	2002	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0000000700	0000000000	0000000000	11000000	46000002	39	0 0 0 11 0 0 0 0	000050000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 2 0 1 0 0	6 0 0 17 0 0 0	0000	0 0 0 2 0 0 19 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000090	0000006000	0 0 0 24 0 0 0	0 0 0 7 1 0 2 4 4 1
21 223 24 25 26 27 28 29 30	•	0000000000	0000	000000000	0 0 0 0 0 0 0 0	0010000000	0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 11 0 0 0 0 0	000000000000000000000000000000000000000	0000000000	0100000000	29	0 39 0 0 0 0	090000000	000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000	000000000	000000000		000000000000000000000000000000000000000	0310000000
31 MEAN	0	0	0	0	0	0	0	0	0	0	0 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(*)	e.					J			2	,	- 10	-	U	1	2	2		1	1	0	0	1	1

PERCENTAGE OF DATA VALID - 97

						ONT	ARIO	MINI	STRY	OF TI	HE I	NVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	СН						
	POLLU	ITANT	- SU	JLPHUI	R DIO	XIDE							U	NITS	- PAR	TS PE	R HUN	DREDM	ILLIO	N					
	STATI	ON -	RAYS	IDE	SUDB	URY A	RSHED		NO	7701	4		M	ONTH	AUG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	00000	0000000000	000000000		000000000000000000000000000000000000000	0000000	000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	0000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0	000000000000000000000000000000000000000		000000000000000000000000000000000000000	000000000000000000000000000000000000000		0000000000	000000000000000000000000000000000000000	0000000000	00000000
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0000000000	000	0000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	000000000000000000000000000000000000000	0000000000	000000000	0000000000	000000000	0000000000
21 223 244 255 266 27 28 29 30	0000		000006	0000005000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	00000000000	0	0 0 0 0 0 7 7	0006080000	0 0 0 12 0 3 1 0			000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000								0000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	• • • •	0	٥	0	• • • •	••••	0	0	• • • •	••••		0
MEAN	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	٥	o	0	0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

	STA	ION	- RAY	SIDE	SUDBU	RY A	RSHE)	NO	7701	14		MC	ONTH S	SEP	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8		****	****	****	0 0 0 0 0 0	* * * * 0 0 0 0	**** 0 0 0 0 0	****	**** **** 0 0 0 0	**** 0 0 0 0 0	**** 0 0 0 0 0	000000000000000000000000000000000000000	****	****	****	000000000000000000000000000000000000000	**** **** 0 0 0 5 0	****	0 0 0 0 1 0 0	****	****	**** 0 0 0 0 0 6 0	0 0 0 0 18 0	****	**** 0 0 0 0 2 0
9 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 12 13 14 15 16 17 18 19 20	****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	****	****	****	****	***	000000000000000000000000000000000000000	0 0 0 0 0 13 ****	0 0 0 0 26 ****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 5 ****	****	****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	****	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 4
21 22 23 24 25 26 27 28 29 30	0000000000	0 0 0 0 0 0 0 7	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000100000	0000000000	0 0 0 1 0 0 0	000000000000000000000000000000000000000	0000000000	000600000	0 0 22 0 0 0 0	0 0 15 2 0 0 2	0 0 4 5 0 5 0 0	0 0 0 18 0 0 9	0 0 0 16 0 10 0	120014	0 0 2 0 3 0 0 5 0	002000200	0 0 1 0 0 0 0	000000000000000000000000000000000000000	00000000000	0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 2 3 0 0 2 0 0
MEAN	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	0	0	0	0	0	1	0	0

PERCENTAGE OF DATA VALID - 90

						ONT	ARIO	MINIS	THY	OF T	HE E	NVIRO	NMEN	- AI	H MA	NAGEM	ENI	BRANCE	-1							
	POLLU"	TANT	- SUL	PHUF	R DIOX	IDE							UN	NITS -	PART	S PER	HUND	REDMI	LLION							
	STATI	ON -	RAYSI	DE	SUDBU	RY A	RSHED)	NO	7701	4		MC	о нти	CT	72										
HOUR DAY	0	0	3	0	5	6	7	8	9	10	11	12	13 10	14 14	15 5	16 0	17	18	19	20	21 0	22 0	23 0	0	MEAN	
3 4 5 6 7 8 9	000000000	00000000	000000000	000000000	000000000	**** 0 0 0 0 0 0	0 **** 0 0 0 0	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 **** 1 0 0 0 0 0	19 00 00 00 00 3	17 0 0 0 0 0	17 0 0 0 0 0	0 2 2 1 0 0 0 0 0	0 10 0 0 0	009000000	0 3 0 0 1 0 0 0	0 1 0 0 8 0	000000000	0300000	0 4 0 0 0 0 0	040000000	020000000000000000000000000000000000000	4 0 0 1 0	
11 12 13 14 15 16 17 18 19	000000000	0000000000	0000000000	000000000	000000000	0000000000	1 0 0 0 0 0 0	200000000000000000000000000000000000000	3000000000	000000000000000000000000000000000000000	0 0 2 0 0 0 0	0000000000	000000000000000000000000000000000000000	000000000	000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000	
21 22 23 24 25 26 27 28 29 30	000000000	000000000	000000000000000000000000000000000000000	0000000400	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 2 0	000001000	0 0 0 0 0 * * * *	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0 0 0	
31	0	0	0	0	0	0	0	0	0	0	0	1	15	30	29	10	0	0	0	0	0		* * * *	***	4	
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	i	0	0	0	0	0	0	0	0	0	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - RAYSIDE SUDBURY AIRSHED NO 77014

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN

0

10

PERCENT OF DATA VALID

82

POLLUTANT -	SULPHUR DIOXIDE			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
MAL		DATA MIS	SING	
FEB		DATA MIS	SING	
MAR		DATA MIS	SING	
APR		DATA MIS	SING	
MAY	7	2	9	70
JUN	30	1	6	52
JUL	31	Ť	8	54
AUG	31	0	2	21
SEP	30	0	4	26
OCT	31	0	4	30
YEAR	160	1	9	70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - RAYSIDE SUDBURY AIRSHED NO 77014 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN DATA MISSING FEB DATA MISSING MAR DATA MISSING APR DATA MISSING MAY 139 0 0 0 143 JUN 681 8 5 4 4 706 JUL 687 11 8 10 3 723 AUG 668 4 1 2 695 SEP 623 15 0 648 OCT 712 8 5 2 0 728 YEAR 3530 46 19 26 12 10 3643

98

9.0

99

17.4

ARITH MEAN

0.6

MAX

70

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
30 50 70 90 95

0.1 0.3 0.5 0.7 0.9 1.0

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - GARSON SUDBURY AIRSHED NO 77015 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING -11 0 0 0 0 12 0 6 10 29 0 0 0 22 0 40 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 17 0 0 23 5 23 0 8 0 1 9 0 54 0 5 0 0 13 4 6 0 17 0 0 0 0 0 1 22 0 0 0 0 0 0 0 0 22 05 12 10 8 12 5 0 0 2 12 *00000 0 0 1 0 23 60 25 130 30 45 7 29 0 5 ** 0 18 0 0 49 6 0 2 0 4 7 0 5 3 7 0 5 DATA DATA DATA DATA DATA 0 0 MEAN

PERCENTAGE OF DATA VALID - 74

						ONTAF	RIO M	INIST	rey	OF T	HE E	NVIRO	MENT	- AIF	A MAI	NAGEME	ENT E	BRANCH	4						
	POLLU	TANT	- SUL	PHUR	DIOXI	DE							UN:	ITS -	PART	S PER	HUNDE	REDMI	LION						
	STATI	ON -	GARSO	N 5	SUDBUR	Y AIF	RSHED		NO	7701	5		MON	IL HTM	JN :	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	0	0	0	0	0 0 3	0	0 0 5	0 0 4	0	0 0 0	0 0 0	000	0 0 14	0 0 0	0 7 0	0 4 0	0	0 6 0	0 2 0	0 0 2	3 0 4	1 5 3	0	0	0 1 2
4 5 6 7	0000	0000	0000	0000	0 0 10 0	0000	0 0 0	0000	0000	0 0	0 8 0 16	13	0 36 0 14	19 0 43	0 0 0 51	0 5 0 13	0 0 0 17	0006	0 0 23	0 0 0 30	0 0 0 28	0 6 0 2	900	0400	0 4 0 11
10	0	0	0	0	0	0	0	0	0	0 0 0	0 0 0	0	0	0	3 0 0	0	0	0	0 0	0	3 0 0	0	0	0	0
11 12 13 14	0 0 0	0 1 0 0	0 3 0 0	03006	0 0 0 3	0 0 0	0000	00000	0 0 0 0 1 2	9 0 0 0 58	5 0 0 67	0 51 0 0 37	9 28 0 0 34	26 54 0 0	26 1 0 0	34 3 0 0 6	23 0 0 0 10	3 0 0 0	2000	0 0 0	0000	0 0 0	0 0 0	00000	6 0 0 11
16 17 18 19 20	0000	0 0 0 0	00000	0 0 0	00000	0000	0000	0 4 0 0 0	0 2 0 0 0	0 0 10 0	0 0 0	0 0 0	0 3 0 0	0 9 0 0	0 25 0 0	0 77 0 0	0 75 0 0 24	0 43 1 0 19	0 46 0 0	0 22 0 0	0000	0 1 0 0 0	0 1 0 0	00000	13 0 0 2
21 22 23 24	0	0	0	0 0 0	0	0000	0 0 0	0 0 0	0 0 0	0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0	0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	0000	0 0 0
25 26 27 28 29 30	0 0 0 0	0 0 0	00000	0 0 0 0	00000	000000	0 0 0 0	00000	0 0 0 0 2	00000	0 0 0 0 3	6 0 0 0	13	4 0 0 0 0	0 0 0 0 48	0 0 0 0 54	0 0 0 0 0	000000	0 0 0 10	0 0 0	00000	00000	00000	00000	1 0 0 0 0
MEAN	0	0	1	0	1	0	0	0	1	2	3	,	5	6	5		6	9	3	2	1	1	0	0	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - GARSON SUDBURY AIRSHED NO 77015 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 MEAN 4769 4000 000 207 27 000 12 13 14 15 16 17 18 19 20 000000000 000000000 0 0 0 123 1 0 0 0 0 0 0 7 8 2 5 0 1 0 0 0 0 12 0 28 0 18 0001 1600 0 0 0 26 0 0 8 1 7 00 06 05 00 0 0 1 13 1 10 1 3 0 0 0 0 29 0 10 13 0 0 0 0 0 0 0 3 0 2 2 0 8 00 00 11 59 02 0 0 0 0 0 0 0 0 0 37 0 20 13 0 0 2 18 0 15 3 0 22 23 24 25 26 27 28 29 30 000000+004 *00000 0 5 27 20 18 27 18 Ó MEAN ō

PERCENTAGE OF DATA VALID

PERCENTAGE OF DATA VALID -

					Of	NTAR	IO N	INIST	'RY (OF T	HE E	NVIRO	NMENT	- AI	R MAI	NAGEM	ENT (BRANC	4						
	POLLU	TANT	- SULP	HUR	DIOXID	Ē							UN	ITS -	PART	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	GARSON		SUDBURY	AIR	SHED		NO	7701	5		MO	NTH A	UG	72									
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	ÆAN
1 2 3 4 5 6 7 8	00000000	000000000	0000000	000000000	000000000	000000000	000000000	00000000	000000000	000000000	000000000	000000000	000000000	000000000	000000000	000000000	000000000	000000000	000000000	00000000	000000000	000000000	000000000	00000000	000000000
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21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000050000	0 0 0 0 27 0 0	000000000000000000000000000000000000000	000000000	000000005	000000006	000000000000000000000000000000000000000	0000000000	30 6 0 0 0 0	0 27 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	4000000000	0600000000	0000000000	0000000000	0000000000	0000000000	03000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	0	1.	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0

	POLLU"	TANT	- SULF	PHUF	R DIOXID	Ε							UN	ITS -	PART	S PER	HUNDI	REDMI	ILLION	٧					
	STATIO	- NC	GARSON	V	SUDBURY	AIR	SHED		NO	7701	5		MC	NTH S	EP	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	8000000000	1 0 0 0 0 0 0	6 0 0 0 0 0 0 0	0000006000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000000000000000000000000000000000	0000000000	0000000000	1 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000203000	0 0 0 0 2 0 0 2 0	0 0 0 4 0 0 1 0 0	0 0 0 0 0 1 0 0	0000005500	3 0 0 0 0 0 1 5 0 0	10000020400	2 0 0 0 0 11 0 3	28004006	16 0 0 2 0 0 14 ****	0 12 0 0 9 0 0 14 10	0300000390	* * * * 5 0 0 0 0 0 0 5 0	**** 4 0 0 0 0 0 0 0 0 4	**** 1 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 7	0 14 0 0 3 0 0 0	13 0 9 0 0 0 0	0 2 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0300210320
21 223 245 267 229 230	000000000000000000000000000000000000000	020000000000000000000000000000000000000	0000000000	000000000	000000000000000000000000000000000000000	0000000000	0000050000	0200010000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	2000000000	000000000	1200000000	4000000000	1 0 1 0 0 0 0 0	00000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	2 2 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
MEAN	0	0	0	0	0	0	0	1	-1	4	2	1	0	1	0	0	1	1	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 98

					OI	NTARI	O MI	NISTR'	/ 0	FT	HE E	NVIR	NMEN.	Γ - AIR	M.A	NAGEN	IENT	BRANC	н						
	POLLUT	TANT	- SULP	HUR	DIOXID	E							U	NITS -	PART	S PER	HUND	REDMI	LLION						
	STATIO	- NC	GARSON		SUDBURY	AIRS	HED		NO	7701	5		MC	ONTH OC	т	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	0 0 0 0 0 0	00000000	0000000	00000000	0000000	00000000	0000000	0 0 0 0 0 0 0 0	00000000	00000000	0000000	0 0 0 0 0 1	00000000	000000000000000000000000000000000000000	04000000	0300000	0 1 0 0 0 0	02000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	0000000	000000000000000000000000000000000000000	00000000	0000000
9 10	0 .	0 0 0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 2 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 5 * * *	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000006	0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0 0 0 0 4 0 0 0	0 0 0 0 0 0 0 0 0 1
21 22 23 24 25 26 27 28 29 30												5. 5. 5. 1. 1.	DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG - IG -										
31												-	DATA	MISSIN	IG -										
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - GARSON SUDBURY AIRSHED NO 77015

POLLUTANT - SUL	HUR DIOXIDE	UNITS -	PARTS	PER HU	NDREDMILLIC	ON

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY	25	2	12	130
JUN	30	2	13	77
JUL	31	2	13	123
AUG	31	O	3	36
SEP	30	0	3	16
ост	20	0	1	6
YEAR	167	1	13	130

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

	noor Theat	DENOT CEASSIFICA	TON FO	n /2			
POLLUTANT	- SULPHUR	A DIOXIDE			UNIT	- PARTS PER	HUNDREDMILLION
STATION -	GARSON	SUDBURY AIRSHED)	NO 77015			
	00 TO 04	05 TO 10 11	TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR		DATA MISSING					
MAY	478	36	9	14	7	7	551
JUN	656	24	6	12	9	12	719
JUL	663	25	9	22	11	7	737
AUG	731	6	1	0	4	0	742
SEP	683	18	6	1	0	0	708
OCT	462	2	0	0	o	0	464
YEAR	3673	111	31	49	31	26	3921

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA				FREQUENCY	CONCENT		PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
88	0	0 . 1	0.3	0.6	0.8	1.0	5.9	19.1	28.8	130	1.3

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE NO 77016 MONTH JAN STATION -ASH ST WATER TANK SUDBURY 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 2 2 0 * * 2 1 0 1 0 3 0 0 1 35 2 0 1 0 3 1 0 2 2 5 2 0 1 1 0 3 0 0 0 4 7 ** 330261 . . . 0 . 0 0 3 0 3 3 0 3 5 7 1 0 1 3 1 120 1 2 6 4 4 3 1 2 1 0 5 3 1 0 2 1 3 0 0 2 2 2 2 6 1 0 0 2 2 0 44 1 0 1 0 0 0 2 0 1 0 19 0 0 1 0 2 0 1 3 19 12 5 0 2 3 1 0 6 39 4 1 8 3 1 2 9 1 8 14 1 5 3 1 2 5 23 1 0 8 1 2 2 2 1 2 1 0 3 1 3 2 1 4 0 0 12 1 3 1 0 1 1 1 2 2 0 1 1 2 25 0 0 0 2 1 23 6 9 1 3 5 1 3 5 7 7 3 8 5 10 1 7 1 0 2 52 20 10 01 12 10 1 72 3 1 1 0 0 19 0 0 36 2 3 1 0 0 8 0 2 1 4 0 0 0 5 9 0 0 1 2 1 0 4 1 1 1 5 0 3 2 1 0 0 6 3 31 0 2 10 1 0 18 0 3 0 1 2 2 0 2 0 6 0 0 1 19 2 5 1 35 13 0 2 0 15 2 10 0 31 2 0 15 1 81 3 1 1 24 1 0 12 0 0 23 3 95 1 0 1 2 5 0 0 3 4 1 9 0 2 0 2 38 0 0 0 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTAR	RIO M	INIST	RY (OF TH	HE EI	VIRON	MENT	- AIF	R MA	NAGEME	ENT 8	BRANCH	1						
	POLLU	JTANT	- SUL	PHUR	DIOXI	DE							UN]	ITS -	PARTS	S PER	HUND	REDMIL	LION						
	STAT	ON -	ASH S	T WA	TER TA	NK SI	UDBURY		NO	77010	6		MON	NTH FE	EB	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
DAY 1 2 3 4 5 6 7 8 9	0 0 1 1 1 2 1 0 3	0 0 0 0 1 1 1 0 0 1	0 1 0 0 1 1 1 0 0 2	0 2 0 1 1 1 1 0 0 2	10000111003	1 2 0 0 1 2 1 0 0 4	0 1 0 0 1 1 1 0 0 3	0 1 0 0 1 1 1 0 0 3	0201123004	0 4 0 2 2 2 2 1 0 1	2311212122	19 4 0 0 2 2 2 1 2 2	7 1 1 2 2 2 2 2 3 2	21 1 2 1 2 1 7 0 4	25 0 6 1 1 0 0 4	31 0 5 0 1 1 0 0 2 3	45 0 2 1 1 1 3 1 0	18 1 1 5 1 2 1 5 1	2 37 1 3 0 1 1	1 2 2 2 4 1 1 15 2	0 6 0 1 16 1 1 2 2 22	17 0 17 0 1 3 1 1 5 2 16	0 4 0 1 1 1 0 0 2 2	0211311023	7 4 1 3 1 1 1 4
11 12 13 14 15 16 17 18 19 20	46 24 5 2 16 10 7	51 24 3 3 1 5 10 20	18 34 22 1 1 11 20	8 2 3 2 2 0 2 10 1	10 44 22 21 1 8 1 0	0 4 4 1 1 1 2 8 2 0	0 5 4 1 1 1 2 19 2 0	0 5 4 1 1 3 11 2 0	2 3 7 5 1 1 2 7 2 0	0 3 4 8 2 1 9 1 2 0	1 3 4 1 1 8 5 2 1 0	4 4 3 12 1 17 4 2 1 0	9 3 10 2 1 27 1 3 1 0	10 5 4 1 1 24 6 1	7 8 4 1 0 14 4 2 0 0	1 8 6 1 1 16 10 1 0	1 6 10 1 1 10 8 2 0	1 6 13 1 1 14 1 2 0 0	1 9 14 1 10 1 1 0 2	1 20 1 1 1 12 7 1 0 4	1 16 1 1 18 8 2 0 7	1 4 9 1 23 1 0 14	1 3 6 2 1 21 1 0 17	2 4 5 2 2 2 2 1 9	7 4 7 2 1 1 0 5 5 1 2
21 22 23 24 25 26 27 28 29	10 0 1 1 17 3 5 4	6 0 2 1 18 4 3 6 3	4 0 1 1 1 5 2 1 4 2	202053522	20200103213	202063123	3 1 3 1 6 4 1 1 2	3 1 3 1 14 5 1 1 2	4 1 7 1 7 4 3 1	4 0 13 0 7 3 3 0 0	409023300	4 0 3 0 21 2 1 1 7	5 0 0 3 2 1 3 16	4 0 0 1 12 8 1 10 27	2 0 0 3 2 9 2 61 35	2 0 1 10 4 10 1 18 12	2 0 1 13 11 2 30 11	6 0 0 23 12 4 2 31 7	15 0 1 19 6 11 2 28 5	12 0 0 18 2 35 3 12 4	2 0 1 21 2 8 3 17 4	2 1 18 2 1 3 37 3	2 0 1 13 2 2 3 41 3	2 1 0 15 2 17 3 27 2	4 0 2 7 8 6 3 14 7
MEAN	5	4	3	2	2	2	2	2	2	3	2	4	4	5	7	5	6	6	6	6	6	6	5	5	4

	POLL	UTANT	- SU	LPHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	ASH	ST WA	TER T	ANK S	UDBURY	Y	NO	7701	6			NTH M		72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	3 4 1 0 0 1 1	4 0 2 4 4 3 2 2 3 2	5024331632	3023329532	0014432262	0 0 1 6 4 3 4 27 3 2	0029334822	0 1 1 1 3 2 2 4 1 1 4 1 2	0 1 1 6 5 1 1 0 4 2	0 1 3 6 3 7 1 0 6 2	0 0 1 1 1 0 1 0 3 1	0 0 1 0 0 3 3	0021032032	0 0 2 1 1 7 1 0 9 57	2 0 1 15 1 5 4 0 10 50	1 0 1 4 1 0 13 0 6 6	0 0 3 3 1 0 1 0 5 3	0011000110022	1 7 1 1 1 1 1 0 2 3	0 1 6 1 1 0 2 0 2 3	0 2 6 1 0 0 1 0 16 2	0 1 4 5 0 1 3 0 20 3	0 1 3 10 0 0 17 0 2 3	0035100123	1034224857
11 12 13 14 15 16 17 18 19 20	3724235214	4822344215	4 9 3 1 5 1 2 2 2 1 3	3 1 3 2 1 2 1 3	3731131214	3646122215	4561132215	5 4 5 1 1 4 2 2 1 5	4 1 1 1 2 4 1 2 2 4	33110531224	4 3 10 2 0 3 0 1 7 3	3 3 11 0 18 3 0 1 10 4	4270732254	4200022253	4300111264	5320111244 4515	6 4 1 1 1 2 2 1 3 20	6311112121215	6301232229	7311212232	7301222037	8301222036	7 3 0 1 2 1 2 0 4 5	6 3 1 3 3 5 2 0 4 4	5 4 4 1 3 2 2 2 3 7
21 22 23 4 4 56 7 8 9 0	5242300250	6 2 2 3 3 0 0 1 6 2	5 2 2 3 0 0 0 0 3 0	6 2 1 1 4 0 0 0 0 2 4 0	5 16 1 2 3 0 0 0 14 0	5612200030	6222200211	6 1 3 2 3 0 0 1 0 2	4 2 2 3 0 0 1 1 2	6 1 1 2 3 0 0 1 7 1	4221201021	4111101080	4 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 1 1 0 0 0 0 6 0	91110000001	11 1 2 1 0 0 0 0 0	232100001	332200021	3322001102	10 3 4 2 0 0 1 1 0 2	2232001502	7 2 3 2 0 1 1 1,7 2 2	3 3 3 0 1 1 18 0 2	3 3 3 0 0 2 24 0 2	5 2 2 1 0 0 3 8 1
31	2	2	2	1	1	2	2	2	1	6	2	2	1	3	1	1	6	3	3	2	3	3	3	3	2
MEAN	3	4	3	4	4	3	4	4	2	3	2	3	3	4	4	3	2	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 100

						ONTA	RIO N	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	Н						
	POLL	UTANT	- SUL	PHUR	DIOXI	IDE							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	ASH S	T WA	TER TA	ANK S	UDBURY		NO	7701	6			NTH A		72									
HOUR	1	2	3	4	5	6	7.	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 1 0	3 1 3 3 0 1 4 10 4	3 1 2 2 3 4 2 4 11 20	3 1 1 1 1 0 2 4 7 5	6121100222	96 2 1 2 1 1 3 2 3 2	2221112242	2122114337	2122533347	2 1 2 2 5 1 3 4 5 9	2122812353	12 1 4 2 31 0 2 20 8	3 1 5 3 2 4 0 1 3 9 2 8	10 1 4 3 26 2 1 3 19 33	16 25 9 51 2 1 4 15 10	3 1 7 8 3 2 1 1 3 8 2	1 3 14 0 1 0 9 5	2 7 1 0 1 1 7 4 5	3 1 4 2 0 1 2 3 4 7	1 1 2 11 0 0 2 4 4 6	1 2 8 2 1 0 2 4 6 3	1162102433	1132203853	1233104563	1 1 3 3 1 0 3 6 4 3	7 1 3 3 7 1 2 4 9
11 12 13 14 15 16 17 18 19 20	3 6 7 1 0 3 26 5 1	4 3 4 0 0 7 5 6 0 1	3 1 2 1 0 5 8 0 3 0	3 1 6 1 2 1 0 0 0 0	3021160000	30111200010	4 2 2 1 2 1 0 1 0 2	75600040100	4 5 3 1 2 3 0 0 0 10	3 7 1 3 9 3 0 0 2 1 9	3 3 9 0 7 3 0 0 1 0	2 3 3 17 4 2 1 0 0	2 8 3 21 4 2 1 0 0 0	2 6 2 14 12 4 2 0 0 3	2 5 2 3 45 3 1 1 1 12	2 5 2 4 4 7 4 2 0 1 2	28135051012	3 34 1 7 23 4 1	3 17 0 7 17 5 3 1 2	35 *** 85 34 132	3 4 2 1 1 1 7 9 9 1 4 2	24 4 21 12 12 12 12 15	3 1 8 0 25 4 1 3	3 5 1 3 2 1 9 3 1 4 1	3 6 3 5 1 1 8 4 1
12234567890 2222234567890	0 1 0 3 3 4 0 2 0 2	1002220107	0 1 1 2 0 1 0 1 0 1	0122000105	0 1 2 1 0 0 0 0 0 0 2	0 2 2 2 0 1 0 0 0 3	8 2 1 1 2 0 5 1	8221321516	7 1 0 1 2 1 0 0 7 16	5 1 0 2 1 1 4 0 4 101	2 1 2 0 2 1 32 0 1 109	4 2 2 0 1 1 15 0 0 105	212020310044	202010230013	0000309060	0020202 071 1812	002012001 50012	002099080111	10211702031	1022313012	1 1 3 2 3 0 1 0 1 2	1 0 3 2 7 0 2 0 9 1 9	1 0 3 3 17 0 14 0 7 6	10331409092	2 1 2 1 4 1 1 5 1 5 2 1
MEAN	3	3	3	1	4	1	2	5	3	7	9	11	-8	7	6	6	7	5	4	3	5	5	4		5

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE MONTH MAY STATION - ASH ST WATER TANK SUDBURY NO 77016 24 MEAN 0 1 0 4 36 0 1 1 0 0 0 12 1 2 6 1 3 4 0 0 1 2 0 0 1 1 0 2 0 5 8 2 0 1 1 5 0 0 0 1 0 0 2 1 2 72 0 3 7 3 0 0 12 15 4 1 2 2 0 0 0 0 12 1 2 2 4 1 10 0 5 0 1400 160 11 1 3 3 2 1 0 5 5 38 1 6 2 0 0 0 19 1 1 1 2 4 2 0 0 0 0 18 15 1 2 4 0 0 0 0 22 1 0 3 11 3 0 8 29 1 2 5 0 0 0 13 1 10 1 1 0 0 12 0 4 4 0 3 0 12 12 20 13 00 2 13 16 2 0 0 0 0 5 3 3 13 3 0 2 1 0 13 23 *** 0 8 19 0 2 1 3 4 5 0 0 0 0 0 0 3 16 1 3 0 4 0 0 4 3 36 8 0 8 0 0 0 3 1 0 0 0 0 0 0 2 23 1 0 0 0 0 0 0 2 8 0 1 0 0 0 3 12 0 0 0 0 0 0 3 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTA	RIO M	INIS	TRY	OF TI	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANCH	1						
	POLLU	TANT	- SU	LPHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUNDI	REDMI	LION						
	STATI	ON -	ASH :	ST WAT	ER T	ANK S	UDBURY		NO	7701	6		MO	NTH J	UN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	0000000001	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000000	1 0 0 1 27 1 0 1 2	0 1 0 0 0 2 1 1 2	0100008002	100000000000000000000000000000000000000	1 1 0 0 2 0 2 0 0 2	1 1 0 0 3 0 1 0 0 3	1 3 0 7 0 8 0 0 3	29 12 0 31 0 11 3 0	3 * * * * 1 0 7 0 9 11 0 3	2 **** 0 0 5 0 13 63 0 2	2 9 0 0 0 13 26 0	2 90 0 0 0 0 31 4 1 2	2 19 0 0 1 1 9 0	1 20 0 0 0 1 22 20 1 3	2 0 0 0 0 1 1 4 2 3	2 0 0 0 1 2 6 3 3	2 0 1 0 0 0 1 42 3 4 3	1 29 1 0 2 1 2 3 4 4	1 29 0 0 2 1 0 1 3 4	1 11 0 3 2 7 6 1
11 12 13 14 15 16 17 18 19 20	2 12 4 1 4 0 1 0	2100550000	5500 150000	000000000000000000000000000000000000000	1020000001	12 0 4 1 0 0 1 0 2	21 1 5 0 0 0 2 0 3 0	5236504112	45 0 4 **** 3 0 3 7 0 2	143 0 2 0 12 0 6 7 0 3	86 4 1 1 40 0 18 3 0 2	127 14 1 0 51 0 16 1 0 3	124 17 1 0 19 1 31 2 0 3	21 16 1 0 6 0 120 2 0 3	16 0 0 32 0 104 2 0 3	11 2 0 51 0 43 4 0 2	112 0 1 0 17 1 39 12 0 38	85 0 1 1 0 1 20 2 0 8	60 0 1 1 0 1 32 1 1	103 1 2 4 0 1 1 1 0 2	40 2 1 3 0 1 1 1 0	88 22 33 0 1 1 1	10 22 4 0 1 4 2 1 2	1 4 2 5 5 1 1 2 4 4 1 2	47 4 2 1 11 0 19 2 0 4
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	0 0 0 0 1 0 0 1 0 2	00000000	000000000000000000000000000000000000000	0010110702	0 0 0 1 1 1 3 0 3	0 0 0 1 1 1 2 2 0 3	0131212103	0 0 0 1 2 0 1 0 0 2	0 0 0 1 2 0 0 0 5	0 0 0 0 2 0 1 0 0	0 0 0 1 1 1 1 1 0 7	0 1 0 2 3 1 0 1 0 30	0002800000	0 0 0 3 6 1 0 0 0 35	0 0 1 2 1 5 0 5 6	0 0 0 2 1 2 36 0 3 26	0 0 0 1 1 2 2 0 16 1	0 0 1 1 2 0 0 5 2	0 0 0 1 1 2 0 0 22 5	0 0 0 0 0 0 2 6 0 6 13	0 0 0 1 1 2 8 0 6 2 2	0 0 0 0 1 3 1 1 2 9 1 8	0 0 0 0 2 1 4 0 7	0 0 1 2 1 3 2 3
MEAN	1	0	1	1	1.	2	2	2	3	6	6	8	11	9	10	8	14	6	6	5	3	7	4	4	5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION ASH ST WATER TANK SUDBURY NO 77016 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 11 0 1 26 0 2 0 0 1 0 1 16 0 2 1 0 0 13 0 0 23 0 1 0 0 0 0 NOOO0000000 144 15167 18190 21223 245 267 2890 13 1 0 0 7 3 0 0 7 1 0 0 0 1 1 4 20 1 0 0 0 3 3 25 0 0 0 0 0 0 6 0 1 10 14 0 0 0 0 0 0 15 2 0 0 0 0 0 5 1 3 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTA	ARIO N	AINISTE	ty (F TH	HE E	NVIRON	MENT	- AIF	MA	NAGEME	ENT	BRANCE	4						
	POLLL	TANT	- SU	LPHUR	DIOX	IDE							UNI	TS -	PART	S PER	HUND	REDMI	LION						
	STATI	ON -	ASH	ST WA	TER T	ANK S	SUDBURY	,	NO	77016	3		MON	ITH DE	C	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24 N	E AN
1 2 3 4 5 6 7 8 9	1 1 6 3 1 1 0 3 1 1	0353620321	53020300	0 2 4 3 16 3 0 3 0	0 3 3 2 2 3 0 3 1 0	0323 1560330	1 3 3 1 10 3 0 2 2	0 4 2 1 6 2 1 1 2 0	0 3 2 1 2 3 2 1 2 0	04111091120	0310031220	0 4 2 1 0 1 4 1 1 0 0	0 5 2 0 4 0 2 1 2 0	0410402120	0510201110	0 5 0 0 0 0 2 1 2 0	0 5 0 0 0 0 2 0 2	0 0 0 0 0 3 0	0 5 1 0 0 0 4 1 1	0 5 1 0 0 0 3 1 1	0 5 1 0 1 0 2 1 1 0	1610102111	2 7 2 0 0 0 3 2 1 2	1 6 3 0 1 0 3 1 1 1 2	0421422210
11 12 13 14 15 16 17 18 19	2002010921	8 0 1 1 0 0 0 7 1 2	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000001	000000000000000000000000000000000000000	3012000322	2021000322	4 2 2 1 0 0 0 1 2 2	3 0 0 0 0 0 0 2 3	1000000153	5 9 1 0 0 0 1 7 2	6 0 2 8 1 0 0 1 6 5	6 0 2 3 0 0 0 0 5 18	0010000068	0 0 1 0 0 0 0 1 0 6 8	0031300062	0 0 5 1 10 0 0 1 3	0060100130	0 0 1 1 6 0 1 1 3 3	0010504122	0011113322	0 1 1 0 0 0 8 1 1	1 0 2 0 0 0 31 1 1	1 1 1 0 2 2 2 3 3
21 22 23 24 25 26 27 28 29	00120330110	0 0 1 2 1 1 0 0	0 0 1 1 6 1 1 1 0	0 0 1 1 3 2 1 0	0 0 1 2 11 1 0 1 0	0 0 2 11 6 1 0 0 1 0	000000000000000000000000000000000000000	0 0 2 1 1 2 0 0 2	0 0 1 1 0 2 0 0 2 0	0010020010	0 0 1 1 3 1 0 0 2 0	0 0 2 0 5 1 0 0 1	0520210041	0 8 4 0 2 1 0 1 4 0	0 5 3 1 1 0 0 0 4 0	0 1 3 0 0 1 0 1	0 1 2 0 0 0 0 1 1	0 1 2 0 0 0 1 1 2 0	0 1 2 0 0 0 5 1	1 1 2 0 0 0 2 1 0	1 1 2 0 0 0 1 1 0	1 1 2 1 1 0 1 1	1 3 1 0 0 1 1	0 1 5 1 1 0 1	0 1 2 1 2 1 1 1 1 1 0
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	ĭ	1	1	1	6	1	1
MEAN	1	2	1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	1	i	1	1		2	5	,

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ASH ST WATER TANK SUDBURY NO 77016

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	19	120
FEB	29	4	14	61
MAR	31	3	8	57
APR	30	5	21	115
MAY	31	3	13	72
JUN	30	5	47	143
JUL	31	4	16	100
AUG	31	1	3	23
SEP	30	î.	4	30
OCT	31	1	4	13
NOV	30	1	5	26
DEC	31	ri .	4	31
YEAR	366	3	47	143

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - ASH ST WATER TANK SUDBURY NO 77016 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 MIN 10 30 0 0.2 0.5 MAX 0.2 0.5 0.8 1.5 5.5 11.5 23.3 36.8 2.8

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - MORGAN SUDBURY AIRSHED HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING 0000001000 0000010000 0 0 3 1 1 0 0 15 0 0000:0000

PERCENTAGE OF DATA VALID - 66

0 0

2 2

0 1

2 2

0 1

MEAN

						ONTA	RIO	MINIST	RY	OF TH	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	ж						
	POLL	UTANT	- SL	JLPHUI	R DIO	(IDE							UN	ITS -	PART	S PER	HUND	REDMI	LLION	1					
	STAT	ION -	MORG	AN S	UDBUR'	AIRS	SHED		NO	77017	ŧ		MO	NTH J	UN	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000		000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 4 4 0 0	0 0 0 18 18 0 0	0 0 0 20 20 0 0	0 0 0 7 7 0 0	000000000000000000000000000000000000000		••••	••••	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	000000000	0000320000
11 12 13 14 15 16 17 18 19	0000000000	0000000000	000000000	000000000	0 0 1 0 0 0 0	000000000000000000000000000000000000000	001000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0000000000	004000000	450000000	45 00 00 00 00 00	0 30 0 0 0 1 0	0 31 0 0 0 4 0	0 7 0 0 0 4 0 0	000000000000000000000000000000000000000	000001000	000000000	0000000000	000000000	0000000000	000000000	0000000000	0070001
21 22 23 24 226 227 229 30	000000000	000000000	0000000000	000000000	000000000	0000500000	000030000	000000000000000000000000000000000000000	0000000010	000000000000000000000000000000000000000	00000000000	000000000000000000000000000000000000000	0000000	0 0 0 0 0 0 0 4	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 2 15	0000000070	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000
MEAN	0	0	0	0	0	0	0	0	2	2	1	3	3	1	2	4	0	0	0	0	0	0	0	Δ.	

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - MORGAN SUDBURY AIRSHED NO 77017 MONTH JUL 24 MEAN 13 4 0 0 0 0 0 0 45 1 0 0 0 0 0 0 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTAR	IO	MINIST	RY C	F TH	HE E	NVIRON	MENT	- AIF	R MA	NAGEM	ENT E	BRANCH	1						
	POLLUT	TANT	- SULP	HUR	DIOX	DE							UNI	TS -	PART	S PER	HUNDE	REDMI	LION						
	STATIO	- NC	MORGAN	SUD	BURY	AIRSH	ED		NO	7701	7		MON	ITH AL	JG	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	0000000000	000000000	000000000	000000000000000000000000000000000000000	000000000	000000000	0000000000	000000000	00000000	000000000	0000000000	000000000	000000000	0000000000	000000000000000000000000000000000000000	000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0000000000
11 12 13 14 15 16 17 18 19 20	000000000000000000000000000000000000000	0000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000050000	000000000000000000000000000000000000000	000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION -MORGAN SUDBURY AIRSHED NO MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 000000000 0000000000 000000000 123 134 151 161 171 181 190 212 223 224 225 227 229 30 •• .0 0. 000000000 MEAN

PERCENTAGE OF DATA VALID - 99

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION																									
	POL	LUTAN	T - S	ULPHU	R DIO	(IDE							U	NITS	- PAR	TS PE	R HUND	REDM	ILLIO	N						
	STA	TION	- MOR	GAN S	UDBUR'	/ AIR	SHED		N	0 770	17		M	ONTH	OCT	72										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 23 4 5 6 7 8 9	0000000000	0000000000	000000000	000000000	000000000	000000000	000000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000	0000000000	000000000000000000000000000000000000000	000300000	0000000000	000000000	0000000000	00000000000	000005000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000		000000000	
11 12 13 14 15 16 17 18 19	000000000	000000000	000000000000000000000000000000000000000	00000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	000000000	000000000000000000000000000000000000000	
21 22 23 24 25 26 27 28 29	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	00000000	0000	0000	00000		000000000	000000000	00000000	0000000	000000000	000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000		000000000000000000000000000000000000000	000000000000000000000000000000000000000	
31	0	0	0	0	0	0	0	0	0	0	0	0	5	17	20	11	0	0	0	0	• • • •		••••		3	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	n	0	n	0	0		0		0	

STATION - MORGAN SUDBURY AIRSHED NO 77017

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY	22	1	9	33
JUN	30	1	7	45
JUL	31	0	5	45
AUG	31	0	0	5
SEP	30	0	3	29
OCT	31	0	3	20
YEAR	175	0	9	45

UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - MORGAN SUDBURY AIRSHED NO 77017 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN DATA MISSING FEB DATA MISSING DATA MISSING MAR APR DATA MISSING 493 11 8 3 MAY 463 706 O 6 4 3 JUN 687 6 735 3 1 0 2 2 743 JUL 2 0 0 0 0 744 742 AUG 2 3 1 0 0 714 SEP 708 701 2 0 O OCT 696 2 1 YEAR 4031 27 1.1 11 4101 FREQUENCY DISTRIBUTION BY PERCENTILES MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 95
0 0.1 0.3 0.5 0.7 0.9 1.0 PERCENT OF DATA F DATA 98 99 MAX 2.8 10.3 45 0.3 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - ST CHARLES SUDBURY AIRSHED NO 77018 MONTH MAY 72																								
	STAT	ION	- ST	CHARL	ES SU	DBURY	AIRS	HED	N	0 770	18		м	ONTH M	AY	72									
HOUR DAY	1	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	••••	••••	••••			•	••••	••••	••••	••••	••••		DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -	. 0	0	o	0	0	••••	1	o	0	••••
11 12 13 14 15 16	0 0 0 1	000	0	1	0	0 1 0	000	0 0 0	000	000	0		0	0	000	0	000	000				0 0 0	0000	0000	000
16	••••		••••	••••	••••	1	•••0	••••	••••	0		0	0	••••	0	0	0	0	1	2		0	1		0
18 19 20	1	2	1	1	1	1	0	0	0	0	••••		DATA	MISSI MISSI MISSI	NG -	••••	••••	••••	••••	****	••••	••••	••••	****	••••
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -										
31	••••	• • • •	••••	• • • •	••••	••••	••••	••••	••••	••••	••••	••••	0	0	1	0	0	0	0	0	0	1	0	0	••••

PERCENTAGE OF DATA VALID - 17

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - A1	IR M	ANAGEI	MENT	BRAN	СН						
	POLL	UTANT.	- S	ULPHUR	DIOX	IDE							U	NITS -	PAR	TS PE	R HUNI	DREDM	ILLION	į.					
	STAT	ION -	ST	CHARLES	SUD	BURY	AIRS	HED	N	770	18		М	ONTH .	JUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	0 0 1 0 0 0	201001000	3 0 1 0 0 0	0 0 2 0 1 0 1	00100000	0000000	0000000	0000000	0 0 0 0 1 1	0000000	000000	00000001	0000000	00300010	0000000	0000000	0000000	0000000	0000000	0000000	00000000	0000000	1 0 0 1 0	00000000	00000000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	Ô	Õ	0	ŏ	ŏ	ò	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
11 12 13 14 15 16 17 18 19	0 0 1 0 0 0 1	000000001	0 0 0 0 0 0 1	0 0 0	000000000000000000000000000000000000000	0000	000000	000000000000000000000000000000000000000	1002	7 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000	0 0 0 0 0 0 0 0 0 0 DATA DATA	O O O O O O O O O O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0000	0000000000	0 0 1 0 1 1	000000	0 0 0 1 0 2	0 1 0 0 0 2 1	000000000000000000000000000000000000000
21 223 24 25 26 27 28 29 30		•••• 0 2	•••• 1 0	1 0	* * * * 2 0	0		**** 0 1	0		0	-	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG -	0			1 0	0 0 0	1 1	2 0	1 0	0 1	0
MEAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - ST CHARLES SUDBURY AIRSHED NO 77018 MONTH JUL 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 *00000 *00000 0 0 0 **** 2 0 1 0 0 0 1 1 1 0 1 0 1 0 1 0 1 0 151617 1890 2122325 22728 290 3 0 1 Ó o

 PERCENTAGE OF DATA VALID -

MEAN

						ONT	ARIO	MINIS	STRY	OF TI	HE E	NVIR	ONMEN.	T - AI	R M	ANAGEN	MENT	BRANC	ЭН						
	POLL	UTANT	- SI	JLPHUR	R DIO	XIDE							U	NITS -	PAR	TS PEF	HUNE	DREDMI	LLION	J					
	STAT	ION -	ST (CHARLE	ES SUI	DBURY	AIRSH	HED	NO	7701	8		M	A HTMC	UG	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	000010000	000000000000000000000000000000000000000	0 0 1 3 0 0	****	0 0 0 2 **** 0 ****	000000000000000000000000000000000000000	00000	000000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0	0000000000	**** 0 0 0 0 **** 0 0 ****	000000000000000000000000000000000000000	000000000	0000000000	0000000000	**** 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	****	1 0 0 0 **** 0 0 0 0	**** 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0	0 **** 0 5 0 0 0 0	0 0 3 1 0 0 0	0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19 20	10001	1 0 2 0 0 0 0 1 0 3	2 0 0 1 0 1 0 4	1 0 0 0 2 1 0 ****	1 0 0 0 1 0 0 1 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 2	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 1 1 1	0000000000	0 0 0 0 0 0 0 ****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 2 1 1	0 0 0 0 0 1 1 0 1	0 0 0 0 0 1 1 0	0 0 0 0 0 0 1 1 1 1	0 0 0 0 0 1 1 1	0 0 0 1 0 1 1 3	0 0 0 0 0 0 0 0 0	0 0 0 0 3 3 0 ****	0 0 0 0 2 0 1 0 ****	0 0 0 0 0 0 0 3 4	0 0 0 0 0 0 1 1
21 22 23	**** 1 1	2 1 1	3 1 1	6 1 1	2 ****	**** 1 2	****	1 1 0	****	1 2 1	1 0 2	1 1 ****	1 ****	****	****	1 1 ****	1 2 ****	****	1 ****	1 ****	* * * * * * * *	* * * * * * * *	****	1	2 1 ****
24 25 26 27 28 29 30	**** 3 3	**** 5 4	**** 4 2	**** 2 4	****	**** 3 3	**** 2 1	**** 2 2	****	****	**** 3 2	****	DATA	MISSI MISSI MISSI MISSI ****	NG - NG -	3 2 3	1 1 3	3 3 3	3 6 3	4 4 3	5 3 3	3 3 3	6 3 4	3 1 4	****
31	6	6	4	5	3	2	3	3	2	3	3	3	2	3	3	3	3	3	2	3	3	1	2	4	3
MEAN	1	1	1	3	3	4	0	0	0	1	0	1	0	0	1	9	1	1	4	1	1	1	1	4	1

	POLLUT	ANT	- SI	JLPHUP	DIO	CIDE							U	NITS -	PAR	TS PE	R HUNG	DREDM:	ILLIO	V					
	STATIO	N -	ST	CHARLE	s su	BURY	AIRS	HED	N	0 770	18		M	ONTH S	SEP	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 1 2 1 3 1 2 3 1 3	3 1 2 2 3 0 1 6 1	3 2 2 2 4 1 2	2 1 1 3 5 1 2 2 1 1	31 2	22 1 2 2 1 2	1 2 1 2 1 0 2 1 0 0	2 1 2 2 1 1 1 1 0 0	202221	3 1 2 1 2 1 1 1 1	3221111221	3 2 2 1 2 1 1 1 1	31222211211	3 2 2 3 2 1 2 1 1 1 1	3 1 2 5 1 2 1 2 1	3 1 2 2 1 2 2 1 1	3 1 2 1 1 2 1 	4 1 2 2 1 2 2 1	3 2 3 2 1 2 1	3 2 3 1 1 2 2 1 2	3 1 2 4 1 2 2 1 3 0	3 3 3 1 1 1 1 1 1 1	2 2 2 3 2 1 2 1 2 1	0 2 2 3 1 1 1 1 2 1	3 1 2 2 2 1 2 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 3 1 1 1 0	1 1 1 0 0 0 0 0	0 3 0 1 0 0 0 1	1	120002000	1 0 1 0 0 0 0 1 0	1000100001	00000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	100000000000000000000000000000000000000	000000000000000000000000000000000000000	1 1 0 0 1 0 0 0 0	0	1 1 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	1 1 0 0 0 1 1 1 0	0 1 2 0 0 0 0 1 0 0	1 2 0 0 0 0 0 0 2	220000000000000000000000000000000000000	3 2 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	00000000	00000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 0 0 0 0	0 0 0 0 1 1 0 0 NG -	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 1 1 0	0 1 0 0 1 0	0 0 0 0 0 0	••••	000000000000000000000000000000000000000	00000000	000000000	00000000
MEAN	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

STATION - ST CHARLES SUDBURY AIRSHED NO 77018

YEAR

POLLUTANT	- SULPHUR DIOXIDE			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MI	SSING	,
FEB		DATA MI	SSING	
MAR		DATA MI	SSING	
APR		DATA MI	SSING	
MAY	9	0	0	2
JUN	21	0	1	10
JUL	31	0	1	7
AUG	27	1	3	6
SEP	29	1	3	6
OCT		DATA MI	SSING	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE - UNIT - PARTS PER HUNDREDMILLION

POLLUTANT	- SULPHUI	R DIOXIDE			UNIT	- PARTS PER	HUNDREDMILLION
STATION -	ST CHARLE	ES SUDBURY AIRSH	IED	NO 77018			
	00 TO 04	05 TO 10 11	TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR		DATA MISSING					
MAY	129	0	0	0	0	0	129
JUN	443	2	0	0	0	0	445
JUL	709	1	0	0	0	0	710
AUG	559	10	0	0	0	0	569
SEP	635	3	0	0	0	0	638
OCT		DATA MISSING					
YEAR	2475	16	0	. 0	O	0	2491

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA				FREQUENCY		RATIONS	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
67	0	0.1	0.3	0.6	0.8	1.3	2.1	2.9	3.6	10	0.5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - GRASSY LAKE SUDBURY AIRSHED NO 77019 MONTH MAY 72 5 6 7 9 10 12 13 14 15 16 17 DATA MISSING
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2

PERCENTAGE OF DATA VALID - 4

31

MEAN

	POLLU'	TANT	- SULP	HUR D	IOXIDE								UN	ITS -	PART	S PER	HUNDI	REDMI	LLION						
	STATIO	ON -	GRASSY	LAKE	SUDBU	RY A	IRSHE)	NO	77019	9		MO	NTH .	IUN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 1 1 1 0 2 2 1 1 1	1 1 2 1 7 1 2 1	1 1 1 1 2 1 2 1 0	1 1 2 2 1 1 1 1 1 1 0 0	1 2 1 2 1 2 1 1 1	1 1 2 1 1 3 2 1 1 1	1 1 2 1 1 1 1 1 1 1 1	1 1 2 1 1 1 0 1 1 1 1	1 1 2 1 1 1 1 1 1 1	1 3 1 1 1 0 1	1 17 1 1 1 0 0 1	1 1 6 2 1 0 1 0 1	1 1 2 1 0 1 0 1	00 20 1 1	0 7 0 1 1	1 1 1 1 0 6 0 1	1 1 1 1 0 10 0 1	1 1 0 1 1 1 0 0	1 1 2 1 1 0 9 1 1 0	1 1 2 2 1 0 4 1 1 0 0	1 3 2 1 1 1 2 1 1	1 3 2 1 1 1 1 1 1 1 1 1	1 3 2 1 6 1 1 2 1	1 4 2 1 18 1 1 1	1 1 2 2 3 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 2 2 1 1 1 1 1	1 1 2 2 1 1 1 1 2	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 8 1 1 1 1	1 2 2 9 1 1 1	1 1 2 2 2 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 2 1 0 1 1 0	1 5 1 2 1 0 0 0 0	0 10 5 1 1 0 0 0	0 21 13 1 4 0 0 2 1	0 7 5 2 8 0 0 1 1	0 5 2 1 14 0 0 1	7 1 2 1 17 1 0 1 1	1 1 7 1 0 1 1 1	3 4 1 1 0 0 0 1 1	6 4 1 0 0 0 1 1	62110001111	10 2 1 1 1 0 0 1 1 1 1 1	9 0 1 1 0 0 1 1 1 2	4 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	201111112111111111111111111111111111111	1 1 2 1 1 1 1 1 1	1 1 2 1 1 1 3 1 2 1	1 1 1 1 1 1 1 1 2 1	2 3 2 1 3 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 2 2 2 1 2	1 0 1 2 1 2 1 2 1 2	1 0 1 2 1 2 1 2 1 2	1 0 1 2 2 1 2 1 2 1 2 1 1	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 0 1	0 1 1 2 1 1 1 1 1 0	0 1 1 2 1 1 1 1 1 1 1 1	0 0 1 2 1 0 0 1 1 3	0 0 1 2 1 0 1 1 1 3	0 1 0 1 1 1 1 1 1 4	0 1 1 1 2 1 1 5	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 2 1 1 1 1 1 1 9	0 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 3 2 1 1 2 0	1 1 1 1 2 1 1 2 1 1 1	1 1 2 1 2 2 2 2 3 1	1 1 2 1 2 2 2 2 3 1	1 1 2 1 3 2 1 2 3 2	1 1 2 1 1 3 1 2 2 3	1 1 2 1 1 3 1 2 1 0	1 1 1 1 1 2 1 1 1 1 3

2

2 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID - 99

MEAN

2

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - SULPHUR DIOXIDE

PERCENTAGE OF DATA VALID - 99

L	0	0	L.	Ļ	1	L	0	L	Ĺ.	1	l.	0	0	Ĭ.	L	0	0	0	0	ķ	L	0	0	0	MEAN
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0000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	000000000	000000000000000000000000000000000000000	00000000	0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	300000000000000000000000000000000000000	1 23 4 6 6 7 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - SULPHUR DIOXIDE

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	ST DUA HTVOM																								

	POLLU	TANT	- SU	LPHUF	DIO	CIDE							U	NITS -	PART	S PER	HUNC	REDM	ILLION	4					
	STATI	ON -	GRAS	SY LA	KE SI	./DBURY	AIR	SHED	N	0 770	19		м	ONTH SE	P	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	101000000000000000000000000000000000000	100000000	10000000	0000000000	000000000000000000000000000000000000000	000000000	000000000	100000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000	00100003	0000000	000000000000000000000000000000000000000	1000000000	100000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	00000	0 0 1 1 0 0 0	0000001000	000000000000000000000000000000000000000	0000000000	0000000000	000000000000000000000000000000000000000
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30 MEAN	^	•	0						•				DATA	MISSIN	G -			_	-						120

PERCENTAGE OF DATA VALID - 84

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	POLL	UTANT	r - s	ULPHU	R DI	ioxi	DE								U	NITS -	PART	S PER	HUND	REDMI	LLIO	N					
	STAT	ION -	GRA	SSY L	AKE	SUDE	BURY	AIR	SHED		NO 7	7019			М	ONTH OC	Т	72									
HOUR DAY	1	2	3	4		5	6	7	8	9	•	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9		1 0	•••• 0	1 0	***	1 0	1 0	3	2	2	• •• ? • ••	2		0	DATA DATA DATA 2 0 DATA DATA	MISSING MISSING MISSING MISSING 0 0 MISSING MISSING MISSING	G - G - G - G - G - G - G - G - G - G -				1	1	1 1	!	0	0	1
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21 22 23 24 25 26 27 28 29															DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
31														_	DATA	MISSING	3 -										
MEAN		•	4			*		•	2	-	í e	•		•	-	2		2	18.			. 21					

STATION - GRASSY LAKE SUDBURY AIRSHED NO 77019

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VAL	ID DATA AVERAGE	CONC. 24-HOUR	MAXIMUM M	AXIMUM READING
JAN			DATA MISSING		
FEB			DATA MISSING		
MAR			DATA MISSING		
APR			DATA MISSING		
MAY	2	1		1	2
JUN	30	2		3	21
JUL	31	1		5	31
AUG	31	0		0	3
SEP	28	0		1	5
OCT	3	1		1	3
YEAR	125	1		5	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - GRASSY LAKE SUDBURY AIRSHED NO 77019 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA MISSING FEB DATA MISSING MAR DATA MISSING APR DATA MISSING MAY JUN JUL AUG SEP OCT O YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 98 99 0 0.1 0.3 0.5 0.8 1.0 1.7 3.8 8.0 VALID MAX 0.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - KUKAGAMI LAKE SUDBURY AIRSHED NO 77022 MONTH JUN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN NO0000000 14 0 0 0 0 0 0 1 1 NNOOOOOON 1 • • 7 16 1 23 20 1 2 1 2 4 60 3 2 8 0 27 1 1 7 1 1 3 40 2 1 10 2 1 1 1 1 1 2 1 1 2 2 2 2 1 2 4 1 3 3 2 2 1 2 1 3 0 2 1 3 2 1 2 8 1 1 0 2 2 3 1 1 37

3 2

3 2

PERCENTAGE OF DATA VALID - 91

MEAN

						ONTAR	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEN	ENT	BRANC	ж						
	POLI	LUTANT	- SU	LPHUF	DIO	IDE							UN	ITS -	PART	S PER	HUNE	DREDMI	LLION						
	STAT	TION -	KUKA	GAMI	LAKE	SUDBUF	IA YF	RSHED	NO	7702	2		MO	NTH J	UL	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 1 1 2 1 1 2 2 2	1 1 1 1 1 2 2 1	1 2 1 1 1 2 2 1	0 8 1 1 2 1 1 1 1 2	1 0 1 3 1 1 1 2	1 1 1 1 1 1 2 1	3 1 1 1 2 2	1 1 2 2 1 2 1	1 1 0 1 2 2 3 1 2	1 1 0 1 8 **** 2 2 1 2	1 0 1 27 •••• 3 13 1	0 1 0 1 1 1 1 2 1 2 1 1 1	1 1 1 6 •••• 7 1 1	1 1 1 3 **** 11 2 2	1 1 1 1 1 2 2 2 1	1 1 1 2 2 1 1 2 2	1 1 1 2 2 2 2 2	2 1 1 1 2 ••••• 1 14 2 1	1 1 0 2 •••• 2 18 1 2	1012512612	1012413412	1 1 1 2 1 3 2 1 1	1 1 1 1 2 3 2 2 1	1 1 0 1 1 2 • 1	1 1 1 4 3 4 1
11 12 13 14 15 16 17 18 19 20	1 1 1 1 1 1	2 2 2 1 1 1 1 0 1	1 10 1 1 1 1 1 1 1	14 1 1 1 0 0 1 1 0 0 0	22110100	2 1 1 1 1 1 1 1 1 0 0	0 7 1 3 2 2 1 1	0423932111	2 3 2 2 3 3 3 1 1	9 2 1 2 3 2 12 1 0 1	14 1 1 2 2 2 3 5 0 1	13 1 1 3 2 1 12 0	6 1 1 1 2 2 1 1 1 1 6	9 2 2 1 1 2 1 15 17	19 1 2 1 1 2 21 1 4	8 1 2 1 1 2 2 14	1 1 2 2 1 1 2 3	1 1 2 2 1 2 1 1 1 16	1 10 1 1 2 2 2 2 2 2 3 1	22212111511	2 1 2 1 2 3 1 4 2 1	1120221131	2110232130	5110222130	4311223613
21 22 23 24 25 26 27 28 29 30	0 1 0 0 0 0 0 0 1 1 1 1	0 0 0 0 0 1 1	1 1 0 0 0 0 1 1 1 1 1 1	0000000000110011	000001010	0 0 0 0 0 1 1 1	0000001011	000000	000000000000000000000000000000000000000	0000001032	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0 6	0 0 0 1 0 1 1 1	000000121	000000190	000000050	0 0 0 0 0 1 1 7	0000010010	0 0 0 0 1 1 1 2	0 0 0 0 1 0 0 1 1	0 0 1 0 0 1 1 1 1 1	1 0 0 0 0 0 0 0 0 0 1 1 1 1	000000011332
31	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	0	2	1	2	1
MEAN	1	1	ì	1	1	1	1	2	,	2	3	3	2	3	2	9	•	2	•	2				4	•

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - KUKAGAMI LAKE SUDBURY AIRSHED NO 77022 HOUY 1234567890 11234567890 1 1224567890 DATA MISSING DATA MISSING
2 2 2
1 1
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PERCENTAGE OF DATA VALID -

MEAN

						ONT	ARIO	MINIS	TRY	OF T	THE E	ENVIR	ONMEN.	- A	R MA	NAGEM	ENT	BRANC	ЭН						
	POLL	UTANT	r - si	JLPHUI	R DIO	XIDE							U	NITS -	PART	S PER	HUND	REDMI	ILLIO	١					
	STAT	ION -	- KUK	AGAMI	LAKE	SUDBI	JRY A	IRSHED) NO	7702	22		М	NTH S	SEP	72									
HOUR	- 1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 1 1 1 1 2 1 1	2 1 1 2 1 1 1 1 1 1 1	2 1 1 2 2 2 1 1 1 0	2 1 1 1 1 2 1 1 1 1	2 1 1 1 1 1 1 1 0	2 1 1 1 1 2 1 1 1 1	1 1 1 1 1 1 1 0	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1	3 1 2 1 1 21 2 1 1	2 1 2 1 1 18 2 1 1	2 1 1 1 1 1 1 1 3 8	2 1 1 1 2 2 1 1 7	5 0 2 1 2 2 1 1 1	2 1 1 1 1 1 1 1 3	1 1 2 1 1 1 2 1 1	1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1	1 1 2 1 1 1 1 1 1	2 1 0 2 1 1 2 1 1	1 1 1 1 1 2 1 1 1	1 1 2 1 2 1 2 1 1	1 1 2 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 3 1 1 1 3 3
11 12 13 14 15 16 17 18 19	0	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	111100000000000000000000000000000000000	1 1 1 0 0 1 0 ****	11 11 00 11 00 00 00 00 00 00 00 00 00 0	1110000	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 0 0 ****	2 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 1 1 1 9 0 ****	7 1 1 0 9 0 **** 0	2 1 1 0 7 1 **** 0	1 1 2 0 5 11 **** 0	8 1 1 0 0 1 ****	3 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 1 1 1 0 1 ****	1 1 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 9 0 1 0 *****	1 2 0 1 7 0 0 0	1 1 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0	1 1 0 0 0 1 0 ****	2 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 1 1 0 0 0 ****	1 1 0 1 0 **** 0 ****	2 1 1 0 2 1 1 0 0 0 0 0
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ONTARIO MINISTRY OF THE ENVIRONMENT - A	AIR	MANAGEMENT	BRANCH
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	POLL	STATION - KUKAGAMI LAKE SUDBURY AIRSHED NO 77022 MONTH OCT 72																							
	STAT	ION -	KUKA	SAMI LA	AKE S	SUDBURY	AIRSHE	D NO	7702	22		M	ONTH (ОСТ	72										
HOUR DAY	1	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 0 1 1 1 1 0 3 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 0 0 0 9 0 0 0 0	0 0 1 1 1 0 0 9 0 0	0 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 0 4 0 0 •	0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 1 1 1 0 0 0 0 0	0 0 0 1 1 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	0 0 0 1 1 3 0 0	0 0 0 1 1 5 0 0	000111004400000000000000000000000000000	000000000000000000000000000000000000000	000033004400000000000000000000000000000	1 1 0 2 1 2 0 0 0	001220000	0 1 0 2 1 0 0 0 0 0 0 0 0	0 15 0 2 27 0 0	0 17 1 2 23 0 0	100000000		0 1 1 1 1 0 0 0 0 0 1 1	0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 1 3 2 0 1	
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21 22 23 24 25 26 27 28 29 30												DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -											
31												DATA	MISSI	NG -											

PERCENTAGE OF DATA VALID - 31

MEAN

STATION - KUKAGAMI LAKE SUDBURY AIRSHED NO 77022

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
NAL		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY		DATA	MISSING	
JUN	29	2	11	60
JUL	31	2	6	31
AUG	29	1	2	12
SEP	30	٦	3	38
OCT	11	1	3	27
YEAR	130	1	11	60

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION STATION - KUKAGAMI LAKE SUDBURY AIRSHED NO 77022 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN DATA MISSING FEB DATA MISSING MAR DATA MISSING APR DATA MISSING MAY DATA MISSING 10 8 7 3 0 0 JUN 619 13 5 657 13 8 JUL 672 25 3 12 9 25 2 720 AUG 636 2 0 0 641 653 SEP OCT 224 0 3 1 0 237 3 YEAR 2804 62 24 24 11 2928 FREQUENCY DISTRIBUTION BY PERCENTILES RCENT CONCENTRATIONS PROPERTY DATA ALID MIN 10 30 FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95

79 0 0.1 0.4 0.6 0.9 1.8 3.0 PERCENT OF DATA VALID

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

98

10.5

99

MAX

1.5

	POLL	JTANT	- SUL	PHUR	DIOX	DE							UN	ITS -	PART	S PER	HUNDE	REDMI	LION						
	STATE	ON -	HAPPY	VAL	LEY F	LCONE	BRIDGE		NO	7702	3		MOI	L HTM	AN '	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 5 5 23 0 0 2 0 1	3 6 4 6 0 0 2 0 1 0	4 5 4 0 0 0 3 1 1	4641005121	4 5 15 0 0 6 1 7 3	4550008122	4 5 11 0 1 1 9 2 2 1	4 5 27 0 1 1 5 22 1	4 5 4 1 8 2 1 9 2 2 0	4 5 3 3 3 2 1 4 1 2 1	4 5 3 37 2 11 3 1 2 2	4 6 3 27 8 11 3 4 2	4 7 3 31 17 3 4 2 18	4 7 4 8 3 4 3 8 2 12	5 8 4 8 3 3 7 2 12	5 8 2 7 1 1 3 3 9 2 3	5 7 1 1 15 2 2 3 1	5 7 2 1 9 2 2 2 1 3	6 1 0 5 4 1 1	5 6 1 0 16 0 2 1	5 1 0 23 4 1 63	5 1 0 13 4 0 1 24 0	5 4 1 0 2 2 0 0 3 0	5 1 0 2 0 1 0	4658623253
11 12 13 14 15 16 17 18 19	5 3 1 1 10 1 0 6 1	2 3 2 1 14 2 0 6 1	17 0 2 0 0 2 0 4 0 4	10 07 22 53 11 41 13	21 0 21 3 0 2 1 5	17 0 3 3 0 3 1 27 1 3	16 13 5 0 2 1 19 13	18 2 14 5 0 3 0 5 1 3	19 16 7 1 3 0 5 3	37 9 1 4 1 4 2 2	21 2 16 9 1 4 1 4 3 2	14 1 0 5 2 4 1 4 3 2	14 3 0 4 2 3 4 4 3 2	2501235432	5 3 0 0 3 2 9 4 3 2	4 2 0 0 2 2 7 4 4	8 5 0 0 3 12 5 4 7	0 0 0 0 2 7 5 7 4	1 11 0 0 2 1 5 5 12 2	0 0 0 1 1 5 2 7	0 1 0 2 9 7 2 4 6	0 0 3 1 0 5 2 4 3	001102041140	2 1 0 8 4 0 5 1 4 0	8 2 6 3 3 3 3 6 3 2
21 22 23 24 25 26 27 28 29	0 3 26 3 3 0 0 1	0 3 25 3 1 0 0 1	5 3 17 3 15 0 0 1	1 3 5 3 1 3 0 0 1 0	033300000001	0 3 2 4 0 0 0 1	0323001200	0323001200	0 3 1 3 0 0 1 1 1	0 4 2 3 0 1 1 1 1	0 5 1 4 0 2 8 3 1	0 4 3 2 1 2 6 5 21	1 9 3 2 0 2 17 11	3 5 4 6 1 2 2 1 3 2 1	3 7 6 4 1 2 1 1 1 2	6 4 6 3 1 2 1 1 2 1	9463120011	5452011011	13 4 2 0 1 3 0	3 6 4 1 1 1 2 0 1 0	6 10 4 0 0 0 5 0 0	2 11 3 0 0 0 1 0	3 2 8 4 0 0 0 0 0	2 23 3 0 0 0	2 7 6 3 2 1 3 2 2 1
31 MEAN	0	0 3	3	3	1	1 3	1	1	1 4	2 5	3 5	5 5	17 7	31 5	2 4	4	3 4	1 3	0 3	0 2	0 5	0 3	0 2	0 2	3

PERCENTAGE OF DATA VALID - 100

						ONTAR	RIO N	INIS	TRY (OF T	HE E	NVIRO	MENT	- AI	R MA	NAGEMI	ENT I	BRANC	н						
	POLLU	JTANT	- SUL	PHUR	DIOX	DE							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	HAPPY	VALL	EY FA	ALCONE	BRIDGE		NO	7702	3		MOR	NTH F	В	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		MEAN
2 3 4 5 6 7 8 9	0 0 0 1 0 1 1 2 0	0000102030	000000000000000000000000000000000000000	0000102030	0 0 0 1 1 1 0 4 0	000000000000000000000000000000000000000	0 0 0 0 1 1 0 4	0000010040	0000010050	0000020050	0 6 0 1 2 2 7 6 2	1 1 0 1 3 4 0 5 7	1 1 0 2 3 4 3 6 9	2 2 0 2 4 0 14 6 7	5 2 0 2 5 0 41 0 15	1 1 0 2 5 0 25 0	2 0 3 4 0 8 21	1 2 0 4 3 0 4 10 7	2030430324	16 0 6 2 0 14 0 3	0 4 9 2 0 4 0 3	0 1 1 0 2 1 3 0 3	0 1 1 0 2 0 3 0 3	0001121205	1 2 0 2 2 1 6 4 4
11 12 13 14 15 16 17 18 19	1 0 4 6 2 0 1 0 0	2146200004	2 1 5 5 2 0 0 1	4 1 5 5 2 0 0 1 1	3 1 5 4 2 0 0 1 7 6	1 1 5 4 2 0 0 1 7 2	1 2 5 3 2 0 0 7 0	2 2 5 2 5 0 0 0 7 0	2 3 6 1 7 13 0 0 7	1 4 5 9 5 17 0 0 6	6 4 5 7 1 0 1 5 0	7 5 6 10 1 2 0 5 8	3 6 9 4 0 10 1 3 7	3 6 12 4 0 5 2 8 8	7 6 14 4 1 5 3 3 14 24	0 6 22 9 0 6 4 3 37 7	0 5 23 5 0 7 3 2 7 5	0 5 22 3 0 3 2 1 8	0 5 37 3 0 3 2 2 23 5	30 2 0 9 3 2 2 2 8 3	0 4 16 2 0 3 2 1 20 6	0 4 17 2 1 6 2 1 4	0 4 12 2 1 8 1 1 16	0 5 9 2 0 4 1 0 1	2 4 12 4 2 4 1 1 10 4
21 22 23 24 25 26 27 28 29	8 0 2 2 2 5 4 0 4 6	7 0 3 2 3 3 4 0 6 3	7 0 2 2 35 5 0 4	4 0 1 2 3 8 5 2 1 0	3 0 2 1 39 4 1 0	3 3 3 36 4 1 0	3 0 3 2 37 4 0 0 8	2 0 3 5 35 4 1 0	2 0 5 3 3 6 0 3 1	2 0 4 4 3 8 7 3 4 0	5 5 6 30 7 10	4 4 6 24 7 13 2 6	3 4 7 18 7 4 3	3 4 5 11 19 4 5 5	4 5 5 10 43 4 18 14	5 5 31 33 10 4 28 16	7 4 5 19 29 15 4 26 21	20 6 5 15 32 20 6 43	43 5 4 15 23 11 3 45	82 4 13 14 10 4 66 8	86 3 3 18 9 0 4 30 7	90 4 3 17 8 0 4 32 5	4 2 3 27 4 0 7 15	0 2 3 26 4 0 4 7	17 2 4 10 27 6 4 14 7
MEAN	2	3	3	3	3	3	3	3	3	4	4	5	5	5	9	10	8	8	9	11	8	7	4	3	5

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HAPPY VALLEY FALCONBRIDGE NO 77023 MONTH MAR HOUR 123456789910112314561781990 24 MEAN 0 4 5 6 2 4 2 1 3 0 924 4430 3 10 3 7 3 4 3 3 6 25 11 2 8 3 4 2 6 73 20 39 39 4 53 6 10 0 4 6 3 8 5 5 3 1 1 3 4 5 5 8 6 2 0 4 9 4 5 7 18 7 9 31 11 5 46 7 7 8 7 9 10 8 7 12 8 7 8 7 7 2 16 7 5 35 6 7 5 6 1 4 8 7 3 18 0 6 7 4 5 7 9 5 4 1 2 0 4 6 5 4 7 11 5 5 5 6 8 5 7 6 9 6 8 1 6 1 7 8 7 4 4 10 2 4 7 3 0 6 8 0 22 8 6 78 17 46 9 23 7 9 15 7 4 24 47 0 0 1 23 0 0 0 15 0 0 1 1 4 0 0 0 5 3 3 0 2 7 67 1 7 8 0 0 2 2 5 1 2 0 0 1 16 0 1 1 2 6 4 7 0 2 22 4 3 0 2 8 9 3 9 25 4 4 0 3 10 147 30 7 9 4 4 0 3 7 19 33 8 11 4 3 0 *** 45 52 10 8 4 3 3 4 88 10 3 3 3 3 118 16 19 7 3 3 3 97 0 4 5 1 3 2 3 3 6 0 3 1 1 4 0 1 2 3 9 4 1 1 6 0 0 0 1 2 5 1 5 0 4 2 0 1 1 2 27 5 0 3 2 1 1 2 32 19 8 5 1 0 1 1 2 121 5 1 5 1 3 0 0 0 22 0 0 23 1 0 12 22 23 24 25 26 27 28 29 30 0 5 0 2 0 0 0 0 4 4 3 0 142 0 0 0 0 14 3 18 47 1 0 0 0 26 3 0 150 02 00 038 2 0 134 0 0 0 0 27 0 4 0 0 0 0 0 0 3 0 2 0 3 0 44 2 0 2 0 81 2 3 0 39 32 0 5 0 121 40 4 0 48 12 1 0 221 124 10 0 52 3 2 4 0 177 42 17 0 9 5 3 0 156 61 18 0 2 24 3 0 108 34 6 0 1 35 4 39 58 3 12 35 3 1 20 4 2 1 10 7 7 4 4 6 1 1 0 0 4 6 0 23 0 1 0 1 3 5 0 14 16 1 0 0 0 12 3 4 18 3 0 10 17 7 3 29 39 3 1 3 8 6 11 25 0 0 8 8 4 0 0 0 0 0 15 7 0 0 0 40 23 2 0 0 0 34 6 2 6 1 59 5 MEAN

PERCENTAGE OF DATA VALID - 99

PERCENTAGE OF DATA VALID -

						ONTA	RIO I	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MAI	NAGEN	ENT	BRANC	н						
	POLL	JTANT	- SU	LPHUR	DIOX	IDE							UN.	ITS -	PART	S PER	HUND	REDMI	LLION	ı					
	STATE	ION -	HAPP	Y VAL	LEY F	ALCON	BRIDGE	E	NO	7702	3		MOI	ATH A	PR	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	2 1 1 3 2 1 6 0 0	1 1 3 0 0 0 1 3 0 0 0	1 14 1 2 0 0 27 0 0	1 19 0 2 0 0 8 0 0	6102001000	23 97 0 2 0 0 0 0	18 40 0 1 0 0 0 0	3 8 0 1 0 0 0 1 0 0	5 28 1 1 5 1 29 5 0 18	2 10 5 1 11 18 50 8 0 11	3 18 6 2 2 2 8 6 2 2 4 0 9	10 100 18 3 22 0 92 0 55	11 51 22 4 10 0 157 0 26 20	8 29 18 3 14 0 42 72 8	7 17 17 3 8 26 19 21 18	7 22 12 6 0 11 18 5 5	66 11 40 20 16 45	6 5 16 0 0 2 1 11 4 5	5582089845	5 9 3 0 25 7 2 15 5	4 6 0 0 44 14 2 34 4	5 3 5 0 10 21 1 3 4	2 4 0 0 26 1 0	2 3 2 47 9 4 0 0 3	6 23 7 2 5 9 26 4 8 5
11 12 13 14 15 16 17 18 19	3 4 4 5 11 6 11 8 9 3	3 3 3 3 3 4 7 4 8 6 2 3	23228655403	2328554303	2 2 1 1 4 4 2 0 2	1 16 4 3 3 1 0 2	2 1 0 22 4 4 3 1 0	2 1 0 32 3 5 3 0 0 2	2 2 0 1 3 4 3 0 1 2	3 2 0 6 4 4 2 0 9	3 0 6 4 5 1 0 2 18	5 4 0 6 6 6 2 1 1 30	6 5 0 8 15 6 3 1 1 26	7 6 0 7 53 7 4 1 1 6	16 20 0 8 43 8 4 1 2 6	8 33 0 9 17 10 6 1 3 8	8 59 0 16 18 11 6 0 3	8 19 1 52 42 12 7 1 5 20	7 9 14 36 90 12 7 1 8	10 8 **** 27 57 12 7 6 8	11 7 33 32 20 11 7 18 7	18 6 8 30 11 11 7 6	14 5 136 30 8 15 32 7 6	5 70 25 6 11 8 6 4 8	6 9 12 23 1 8 6 3 3 9
21 22 23 24 25 26 27 28 29 30	7 8 3 17 14 7 5 1 17 5	5 7 3 29 21 6 3 0 6 4	4 6 3 12 40 8 0 0 16 3	4 6 3 12 39 8 1 0 9	3 5 3 3 3 3 2 2 8 0 0 9 2	3 5 3 7 10 5 0 0 1 2	2433950031	3 4 4 19 11 00 02	3 6 4 16 12 1 0 0 0 5	3 5 7 67 5 97 0 10 9	24 58 58 58 30 1 45	4 5 6 8 11 7 38 1 2 33	6 11 91 25 27 0 28	7 5 6 3 6 3 3 7 3 3 3 3 2 5	9 5 7 8 7 4 2 5 4 6 6	10 4 7 73 8 4 8 3 6 5	10 4 7 105 15 3 10 18 10	10 4 7 112 9 4 14 36 7	11 4 7 16 10 3 4 13 7	10 4 6 7 10 3 2 11 7	10 4 6 8 10 22 3 37	9 4 6 27 11 1 2 6 2 8	9353302228	8367901226	6 5 5 32 18 5 13 4 7
MEAN	5	7	8	6	6	6	4	4	5	12	12	14	19	15	13	10	13	14	13	10	11	8	12	9	10

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HAPPY VALLEY FALCONBRIDGE NO 77023 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 MEAN 0 0 0 2 7 8 0 3 6 1 0 5 21 4 2 58 59 3 0 0 8 8 5 30 3 1 0 0 3 0 3 1 2 1 0 0 5 19 35 8 35 12 5 0 4 15 3 26 12 3 5 0 2 51 7 1 5 6 3 6 0 0 1 1 2 3 3 9 1 0 0 0 1 44 13 2 14 2 0 0 0 3 10 10 3 5 4 7 0 3 7 3 3 3 5 5 7 7 2083 6648 16 112 16 103 4 0 2 2 3 7 2 3 7 4 3 3 18 1 29 29 0 0 2 1 5 12 13 14 15 16 17 18 19 20 132 120 98 0 20 11 12 1 5 7 5 6 5 9 13 11 0 8 7 0 5 9 13 11 0 8 5 0 8 8 12 10 0 7 4 0 4 8 1 2 9 0 6 3 0 4 4 7 12 9 0 5 8 0 3 3 7 11 8 0 5 26 0 3 4 7 9 9 0 6 3 27 2 4 8 9 8 0 9 57 100 15 13 8 9 1 9 38 15 59 11 9 10 3 9 30 ** 25 10 10 8 4 8 11 10 5 15 12 37 1 6 7 0 7 8 11 12 43 0 8 8 0 7 12 13 22 0 10 10 6 11 10 14 12 0 10 9 0 9 11 14 13 0 10 13 0 7 11 15 13 0 13 14 0 10 11 14 13 0 11 11 0 10 13 11 14 13 0 12 27 0 8 14 11 14 13 0 12 11 0 11 22 23 24 25 26 27 28 29 30 10 12 1 0 7 10 8 0 0 9 0 1 13 4 4 48 11 5 2 9 12 11 4 14 5 4 2 9 12 10 10 7 3 0 0 6 8 6 0 3 4 3 0 0 3 4 4 20 0 6 0 0 0 3 4 4 3 9 27 0 0 9 22 4 4 0 139 13 0 0 5 5 5 5 37 11 0 0 4 7 7 1 8 1 4 2 0 5 8 8 1 0 53 23 4 3 8 11 11 3 33 43 5 2 10 13 12 5 0 48 6 5 2 11 13 12 5 0 19 7 5 2 10 13 11 3 0 14 4 2 46 8 11 9 0 0 84 12 0 2 3 5 6 4 0 41 16 3 1 7 10 10 20 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTA	RIO	MINIS	TRY	OF TI	HE E	NVIRO	MENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- SUI	PHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	HAPP	Y VAL	LEY F	ALCON	BRIDG	E	NO	7702	3		MO	NTH J	UN	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	10 3 20 17 0 6 2 1 21 32	10 3 10 3 0 6 2 42 34	10 2 0 17 0 5 2 74 114	9 2 2 3 8 0 5 1 3 6 6 5 5	9 1 6 20 5 1 3 8 61	12 0 0 18 0 9 1 2 17	13 0 10 1 1 5 1 2 78 92	10 1 0 1 5 1 3 84 55	60 0 0 0 5 1 1 3 55	41 0 0 34 0 4 12 1 27 26	19 0 0 1 0 5 3 1 49 44	14 0 0 32 9 1 20 102 67	16 0 18 16 49 4 68 47 6	28 0 1 22 6 7 16 9 4	15 6 1 22 4 5 24 3 0	3 0 1 29 4 9 19 23 53	3 0 2 42 5 3 10 22 41 0	4 0 2 3 5 23 30 35 101 0	5 0 1 45 6 34 26 3 67 3	2 0 2 11 6 3 17 1 76 3	3 0 2 3 6 3 1 0 0 0	4 6 3 9 6 3 5 5 5 5 2 0	0 2 33 8 3 3 4 134	20 4 5 7 2 1 38 101 0	13 2 4 18 4 9 8 11 51 33
11 12 13 14 15 16 17 18 19	0 0 1 0 5 1 1 2 2	0 0 0 1 0 1 2 0 2 2	0 0 0 17 9 3 1	0 0 0 1 6 1 1 0 0 2 2	0 0 0 0 1 10 0 0 2 2	0 0 0 0 35 0 1 2	0 0 0 0 1 2 0 2 2 3	0 0 1 0 1 49 0 3 2	0 0 3 1 3 30 1 3 1 2	22 0 1 37 28 41 1	54 0 9 3 32 1 0	28 2 0 21 10 36 0	21 19 8 0 11 44 17 1	18 35 3 0 6 1 12 0 0 2	0 2 2 0 1 0 13 0 0	2 1 0 0 15 0 36 0 0	16 0 0 9 0 51 0	32 0 0 0 12 42 0 5	35 0 0 0 34 26 0	100116001	1 0 1 0 0 1 3 0 0 1	0 0 1 0 0 1 1 1 1 31	7 0 1 0 23 14 1 1 68	0 1 0 12 4 2 1 1 8	10 3 1 0 7 13 14 1
21 22 23 24 25 26 27 28 29 30	1 6 6 37 10 9 1 1 2	1 5 1 48 20 9 1 0	12 2 2 11 62 9 1 0 2	36 7 11 9 1 1 2 4	3 0 1 7 9 9 1 1 2 4	0 3 6 8 9 1 1 2 4	0 7 0 7 8 10 1 1 2	0 4 0 6 8 10 13 1 2 2	0 1 2 7 9 10 4 1 8 4	0 16 1 7 9 9 4 2 2	0 83 7 9 42 1 7	0 85 27 9 8 6 21 8	1 54 3 8 12 10 51 1	1 3 0 6 7 8 9 4 9 2 2 2 2	140 111 7 8 2 46 2 4 19	2 34 57 7 8 1 12 2 10	3 0 65 7 10 1 6 2 12 33	6 0 66 7 8 1 38 1	2 0 49 8 8 1 13 1	3 0 9 17 8 1 0 1 4	2 0 34 25 8 1 0 1 4	3 0 101 10 9 1 1 2 15	5 4 78 38 9 1 1 1 5	23 71 45 8 1 1 3	4 24 24 14 12 6 12 13 6
MEAN	7	7	12	10	6	8	9	9	7	11	13	16	16	14	12	11	11	14	12	6	3	8	15	12	10

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - HAPPY VALLEY FALCONBRIDGE NO 77023 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 10 24 MEAN 39 67 2 32 12 17 6 0 10 0 15 7 13 12 15 2 1 43 2 15 47 2 8 4 0 1 2 2 12 10 7 12 8 0 0 33 2 4 14 10 15 10 0 0 0 2 14 8 9 17 8 0 33 13 19 26 11 16 7 0 7 8 2 10 11 13 17 5 0 15 1 7 3 13 12 16 4 0 18 0 3 7 13 11 14 1 3 1 2 4 15 9 12 1 11 28 11 89 51 48 0 0 2 3 14 7 10 2 2 18 6 4 11 6 0 40 2 14 25 0 5 3 0 4 14 10 14 0 0 11 0 2 3 0 13 6 11 2 10 3 5 2 1171890 212234567899 22234567899 28 0 0 4 0 11 0 2 25 0 0 0 37 2 3 15 0 14 0 1 1 1 3 5 0 0 49 0 1 4 0 3 4 0 0 38 0 5 2 12 0 22 0 19 0 0 0 1 4 0 16 0 0 7 0 5 0 0 1 6 0 6 0 1 119 150 035 0 6 6 5 7 1 0 0 3 2 3 7 6 4 7 4 9 4 9 4 9 2 2 5 20 10 5 8 9 18 2 5 5 1 82 10 1 1 25 5 4 5 2 8 1 4 0 3 2 4 2 2 4 8 3 7 4 3 5 6 5 2 3 1 4 6 4 6 57 21 0 18 0 6 2 6 6 1 0 1 3 8 0 5 0 4 18 1 15 16 0 5 4 11 8 1 0 0 1 1 5 7 11 13 12 8 6 3 6 3 7 5 111 13 4 2 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTAR	RIO N	MINISTRY	OF	THE	E E	NVIRON	MENT	- AIF	R MA	NAGEME	NT E	BRANC	H						
	POLLU	JTANT	- SUL	PHUR (CXOIC	IDE							UN	ITS -	PART	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	HAPPY	VALLE	EY FA	ALCONE	BRIDGE		NO 7	7023			MOI	NTH AL	JG	72									
HOUR DAY	1	2	3	4	5	6	7	8 9	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	3 4 1 0 6 8 6	4 3 1 0 5 8 5 3	4 3 2 0 5 7 4 3	53203843	33203833	32102822	3 2 1 0 3 9 3 2	4 0 0 3 8 4	3 7 3 1	20004723	20125625	1 0 0 3 5 6 1 4	20045625	20035534	0 0 0 3 5 7 3 4	0 0 3 4 7 3	1 0 0 4 3 8 4 3	1 1 0 5 4 8 6 4	2 1 5 4 7 6 3	2 1 5 5 6 5 5	22066765	3 2 0 6 5 7 6 4	4 1 0 6 5 7 6 4	3 1 0 6 5 6 5 7	2 1 3 4 7 4 3
9 10	6	5 4	5 3	5	1	3	0	3 2	2	5 1	3	1 2	3	4 2	6 3	6	5 3	5	5 4	6 5	6	5 6	5 6	6	4 3
11 12 13 14 15 16 17 18 19 20	5311133112	5310233232	5 2 0 0 1 3 3 1 3 2	4 1 0 0 0 3 4 1 5 3	3000034N3N	3200023132	2 2 0 0 0 2 2 0 3 1	0 0		30001020010	500202000	5001020030	4001000000	5 0 0 1 1 0 42 43 0	4 0 1 1 1 0 6 0	0 0 0 1 0 1 0 27	0 0 1 5 0 0 0 0 12 0	0 0 1 1 0 0 0 8 0	0 0 1 0 1 1 0 0 0	0 0 1 2 1 1 0 0	1 0 1 3 1 1 0 0 0 0 0	1 1 2 3 1 2 1 0 0 1	1 2 2 5 2 2 1 0 1 1	2 1 1 2 3 2 0 1 2 2	3 1 1 1 1 2 1 2 7 1
21 223 234 256 227 229 30	3 0 0 2 10 11 10 7 8 7	3 0 20 21 11 10 10 6 7	3 0 0 2 10 10 10 6 6 5	3 0 0 1 11 10 9 5 5	30 30 10 89 44 3	3 0 0 0 9 7 9 2 3 2	3 3 3 0 9 5 9 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3	0 0 0 0 7 5 8 3 3 7	0 0 38 0 9 5 7 4 0	0 0 1 1 1 8 7 6 0 3	0 45 12 10 7 7	0 0 0 3 12 12 12 8 * * * * 2	0 0 3 19 14 8 12 6	0 3 4 14 14 9 12 10 7	0 0 2 5 20 15 9 14 7	0 2 8 21 15 11 15 17	0 0 2 8 24 15 13 15 ****	0 0 2 10 20 14 9 15	0 0 2 11 16 13 9 15 9	0 0 2 10 15 12 8 14 11	2 0 2 11 14 11 8 12 8	8 0 2 11 14 11 7 10 8 7	1 0 8 4 13 10 9 8 7
31	7	6	6	5	4	3	2	1 2	2	3	6	7	10	13	14	1.5	16	16	15	15	15	14	12	12	9
MEAN	4	5	5	4	4	2	3	2 2	2	3	3	3	4	6	4	5	5	5	5	5	5	5	5	5	4

	POLL	UTANT	- SUL	PHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUNC	DREDMI	ILLION	•						
	STAT	ION -	HAPPY	VALL	EY F	ALCON	BRIDG	E	NO	7702	3		MC	NTH S	SEP	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	11 5 1 0 5 7 2 1 0 3	10200452002	9100242001	8 0 0 1 3 2 0 0	7 8 0 0 1 2 0 0	6020002000	500000000000000000000000000000000000000	400000000000000000000000000000000000000	4 7 3 0 0 0 0 2 0 15 0	14 5 13 0 0 0 100 2	7 21 0 1 0 1 1 43 94 0	9 5 16 16 1 3 1 0 56	11 4 23 5 3 5 1 0 17 2	9 0 78 7 4 3 2 1	10 11 25 8 6 2 2 3 11	7 7 0 9 7 2 2 4 7 7	9 5 0 11 10 2 3 5 5 7	9 5 1 16 10 2 3 5 6 7	9 5 3 15 10 2 3 4 6 7	8 5 2 11 11 2 3 3 6 7	8 4 2 12 10 2 4 1 6 7	7 5 3 1 0 9 2 4 0 5 6	6 4 6 7 9 2 3 0 5 6	5 1 0 6 7 2 4 0 4 6	8 6 8 6 5 2 2 3 15 3	
11 12 13 14 15 16 17 18 19	6 12 8 1 0 8 6 16 1	6 12 7 1 0 18 14 14 13	5 7 0 11 11 12 14	5 4 6 0 0 11 11 15	4 2 4 0 0 0 12 9 16	4 2 4 0 0 0 12 6 17	6 0 2 0 0 13 4 16	0 0 0 12 2 17	7 0 2 0 10 17	17 0 1 0 0 10 2 22	10 0 1 0 0 3 11 2 25	15 0 2 0 3 19 12 26	15 0 5 0 5 5 14 0 27 DATA	14 0 1 1 8 4 16 0 28 MISSI	15 16 1 1 1 1 3 18 ••••	8 9 0 1 11 4 20 6	7 12 0 3 12 5 22 25	8 23 1 4 13 5 23 25	18 14 19 5 29	14 2 4 12 5 22 8	8 13 2 3 11 4 21 8	8 12 2 1 10 3 22 17	8 10 2 0 12 3 19 22	8 9 2 0 10 6 17 9	9 7 3 1 6 5 16 9	
21 223 245 227 228 229 230	000000000000000000000000000000000000000	000300260	0 0 0 3 0 0 3 8 0	00004	0 0 0 4 0 0 0 1 9 0	000000000000000000000000000000000000000	0 0 0 6 0 78 1 10 0	000000000000000000000000000000000000000	0 0 0 1 0 59 4	0 0 0 2 0 35 0	0 0 1 3 4 36 0	0 0 3 1 1 32 2 0	0 0 4 4 0 3 4 0 2	0 2 5 6 7 19 6 1	1 4 5 6 10 9 8 0 3	0 5 4 6 7 0 31 8 0 4	055 62 12 05 90 5	0 5 5 6 1 2 1 4 8 0 5	0 5 4 5 4 3 0 3 8 0 4	0 4 3 4 7 0 3 7	0 4 2 4 4 0 3 7 0 4	0 2 1 4 2 0 3 7 0 3	0 0 4 1 0 2 7 0 3	0003002703	1 1 3 6 1 14 4 3	
ME AN	4			-	-	•						-	-	7987	-	~		100	200	1.4	100	1.00	1907	62	92.0	

PERCENTAGE OF DATA VALID - 92

						ONTAR	RIO N	AINIST	TRY .	OF TH	IE E	NVIRO	MENT	- AI	R MA	NAGE	MENT	BRANC	ж						
	POLL	JTANT	- SUL	PHUR	DIOX	IDE							UN	ITS -	PARI	IS PER	HUNC	REDMI	LLION						
	STAT	ON -	HAPPY	VALI	LEY F	ALCONE	BRIDGE	•	NO	77023	i		MOR	NTH C	ст	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	WEAN
1 2 3 4 5 6 7 8 9	2 4 3 4 7 7 0 5 0 1	2435570501	1 4 2 4 5 6 0 5 0 1	1 4 2 4 5 6 0 5 0 0	1 4 2 4 5 5 0 6 0 0	1424350500	1 4 2 3 2 5 0 4 0 0	1 2 2 3 0 4 0 0	1005120301	1 1 0 5 2 1 7 4 0 1	2 1 7 2 1 69 4 0 2	3 1 10 3 5 30 4 0	3 3 1 11 4 44 80 4	24 23 66 49 40 5	2 6 3 13 8 63 87 4	3 11 3 14 9 0 18 3 2 6	3 18 4 14 10 0 37 3 2 5	3 10 3 13 10 0 21 3 2	3 8 4 12 9 0 13 3 2	3 7 4 11 9 0 13 1 2 3	3651 1180 8023	3 5 5 10 8 0 6 0 1 3	3659705013	3 4 5 8 7 0 5 0 1 3	2 5 3 8 6 10 19 3 1
11 12 13 14 15 16 17 18 19	3 6 2 4 0 2 0 0 0	3 6 2 4 0 1 0 0 0	3535020000	39 38 0 1 0 0 0	3 3 3 9 0 4 0 0 0	3 50 2 6 0 1 0 0 0	2226010000	2 70 2 6 0 1 0 0 0	2316000000	4 85 1 3 0 0 0 0	5 31 5 0 0 0 0	6925000000	6 13 1 5 1 0 0 0	6 8 2 5 2 0 0 0 0 0	6324300040	5 8 1 3 10 0 0 4	63 129 00 00 130	5222100040	5222100020	5220200010	6220100010	5 2 3 0 1 0 0 0 0	5230100000	6230100001	4 17 2 4 1 1 0 0 1 0
21 22 23 24 25 26 27 28 29 30	0 3 0 0 0 0 1 4 4 5	0 3 0 0 0 0 1 4 84	1 4 0 0 0 0 0 1 4 69 5	1 4 0 0 0 0 1 4 38 5	1 4 0 0 0 0 1 4 8	1 4 0 0 0 0 1 4 20 5	1 3 0 0 0 1 4 6 5	0 3 0 0 0 1 4 7	0 2 0 0 0 1 1 4 6 5	0 1 0 1 0 1 1 4 5	0 1 0 1 0 1 1 3 5 0	0 1 0 0 1 1 1 3 4 0	0 1 0 0 1 1 1 3 8 6	0 0 2 3 1 1 1 3 4	0 0 3 0 1 0 4 4 30	3010340	0 0 3 1 1 0 3 4	000000000000000000000000000000000000000	00012350	10000012350	10000013350	10000013350	1000014450	2 0 0 0 0 1 4 31 6 0	1 0 1 0 1 1 5
31	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	5	4	4	3	4	2	4	1	4	5	4	6	7	9	4	5	3	3	2	2	2	2	3	4

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE STATION - HAPPY VALLEY FALCONBRIDGE NO 77023 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 0 27 0 2 1 1 0 0 0 0 0 4 32 4 0 0 0 144 0 5 87 0 9 0 3 0 9 8 1 5 1 5 1 9 1 2 0 50 1 5 6 2 9 2 1 0 0 1 0 8 9 4 7 0 41 1 0 4 2 7 67 1 0 3 27 0 0 130 0 5 105 8 0 0 4 0 4 9 6 1 4 0 29 1 4 45 13 6 0 5 62 8 0 112 1 5 14 0 9 0 3 2 7 15 5 4 0 4 8 1 4 55 2 8 3 8 2 9 3 8 0 0 5 4 0 0 21 1 8 26 20 20 5 1 0 11 13 11 2 1 5 2 0 42 3 80 4 0 30 2 10 10 0 12 0 0 2 0 1 3 1 8 0 4 0 1 0 0 0 2 4 16 0 3 0 8 0 0 2 3 87 0 4 0 4 0 0 1 2 45 0 4 0 0 0 0 16 4 0 0 0 24 0 0 1 47 5 0 34 4 0 27 0 4 0 0 3 0 3 0 0 0 270420 41 00 00 02 05 10 11 00 00 21 90 0 4 1 0 0 3 0 5 6 0 15 1 0 4 3 0 8 0 0 37 30 0 27 0 4 0 0 MEAN

PERCENTAGE OF DATA VALID - 99

						ONTAR	RIO N	IINIS	TRY (DF TI	HE E	NVIRO	NMENT	- AIF	MAI	NAGEM	ENT E	BRANCH	1						
	POLLU	TANT	- SUL	PHUR	DIOX	IDE							UN	ITS -	PART	S PER	HUNDE	REDMIL	LION						
	STATI	ON -	HAPPY	VALL	EY F	ALCONE	BRIDGE	i	NO	7702	3		MOI	NTH DE	EC .	72									
HOUR DAY	1 4	2 9	3 2	4	5	6	7	8	9	10	11	12 5	13 11	14 6	15 9	16 12	17	18 16	19 6	20 0	21 0	22 0	23	24 M	MEAN
2 3 4 5 6 7 8 9	0100333333	0 2 0 0 1 3 4 3 0	0 2 0 1 * 2 3 3 1	02000	4000050000	000000000000000000000000000000000000000	0020033212	720012101	000001002	0 0 0 0 2 1 0 0 2 1	100020103	5250010004	1 2 0 0 1 0 0 1 0	000000000000000000000000000000000000000	9000100100	0 0 0 1 1 0 0	0000210200	0000533410	0000434400	0000445560	150	0 0 0 3 4 4 4 1	00003343182	000334322	1 1 0 1 2 2 2 3 3
11 12 13 14 15 16 17 18 19 20	2584432294	2 5 6 4 4 3 2 3 5 4	3564422055	3664522055	35* 3672055	2523541055	1 5 2 4 5 1 7 0 0 4 5	0423610044	0 2 1 2 4 0 0 0 3 4	0 2 1 4 0 0 0 0 3 2	0 1 2 4 0 0 0 0 7 0	2101000000	2 1 2 0 0 0 0 9 2	5 3 1 1 0 0 1 0 8 1	6081002080	3202000090	2 3 2 3 1 0 0 1 10 0	5555000000	6565220390	5 5 4 4 2 2 0 7 1 2 0	5 5 5 5 4 2 3 0 7 5 7	5 6 5 4 1 3 0 8 25 0	5 7 5 4 1 3 0 8 12 0	5855630850	3 4 4 3 3 7 1 2 10 2
21 22 23 24 25 26 27 28 29 30	0301000330	0301000320	030000320	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0300000320	030000000000000000000000000000000000000	0304000300	0 3 0 12 0 0 0 3 2 0	0 3 0 75 0 15 1 2 2	0 1 0 11 0 98 0 2 2	1 0 0 3 0 3 5 1 1 2 0	0 0 0 3 0 18 1 1 4	0 0 0 6 0 11 0 1 3	00003051110	1 0 0 2 0 13 1 1	2 0 0 2 0 12 2 0 0	2211002200	2 1 0 0 0 0 2 2 0 0	3100002200	3 1 0 0 1 2 3 0 0	3 1 0 0 0 0 2 6 0	3 1 0 0 0 0 2 10 0	3 0 1 0 0 0 3 16 0	1205091310
31	0	0	0	0	0	0	0	0 '	***	0	0	0 0 0 0	***	0	0	0	0	1	1	1	1	1	1	1.	0
MEAN	2	2	2	2	4	3	2	2	2	4	4	2	2	2	2	2	2	3	2	2	4	3	3	3	3

STATION - HAPPY VALLEY FALCONBRIDGE NO 77023

POLLUTANT . SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION MONTH DAYS OF VALID DATA AVERAGE CONC. 24-HOUR MAXIMUM MAXIMUM READING JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72 POLLUTANT - SULPHUR DIOXIDE UNIT - PARTS PER HUNDREDMILLION

. 02	LUTTAL	OOL	TION DI	JAIDE									CIAT	•	FANIS	FER	HUNDHEUMIL	.LIUN
STA	TION -	HAPPY	VALLEY	FALCONBE	RIDG	Ε		NO 1	770	23								
		00 TO	04 0	5 TO 10	11	то	14	15	то	25	26	то	39	40	&OVEF	₹	TOTAL	
	JAN	5	56 9	114			23			27			10		1	I	744	
	FEB	2	479	134			16			33			24		9	9	695	
	MAR	4	444	175			21			35			22		46	3	743	
	APR	3	344	210			40			56			34		35	5	719	
	MAY	3	345	228			94			26			28		22	?	743	
	JUN	4	134	126			23			43			36		56	3	718	
	JUL	4	170	164			41			38			16		12	2	741	
	AUG	5	501	174			35			22			6		3	3	741	
	SEP	4	102	162			44			44			9		8	3	669	
	OCT	5	584	114			15			4			8		14	ļ.	739	
	NOV	5	574	84			7			10			10		34	ŀ	719	
	DEC	€	626	85			11			11			1		5	i	739	
	YEAR	57	772	1770		3	70			149			204		245	j	8710	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA				FREQUENCY		RATIONS	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
99	0	0 2	0.7	1.9	4.6	13.0	25.8	48 4	73 5	221	6.3

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION

STATION - 765 BARRY DOWNE RD, SUDBURY NO 77024 MONTH FEB 72

0 0

13 12

9 12

13 14 15 16 24 MEAN DATA MISSING 6 5

PERCENTAGE OF DATA VALID - 4

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	UTANT.	- SU	JLPHUR	DIOXI	DE							UN	NITS -	PART	TS PEF	R HUNE	REDMI	LLION	ĺ					
	STAT	ION -	765	BARRY	DOWNE	RD.	SUDBU	IRY	N	7702	24		М	N HTMC	IAR	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 0 1 2 1 0 5 2 0	2013302211	2021402310	2 0 1 2 1 0 2 13 1	0 0 1 2 1 0 4 36 2 0	0 0 1 2 1 0 2 16 1 0	0 0 1 2 1 1 3 16 3 0	0 0 0 0 2 1 1 2 32 3 1	0 0 0 2 1 1 8 5 5	0 1 * * * * 1 4 1 1 14 * * * * 7 2	0 1 **** 13 3 1 13 1 7	0 **** 17 2 2 8 2 ****	0 1 17 2 8 4 1 59	0 1 1 9 2 5 2 1 17 3	0 1 1 2 8 2 1 7 99	0 1 1 1 2 2 4 2 8 5 3	0 1 7 1 1 2 6 2 7 27	0 13 1 1 2 9 2 5 25	0 0 12 3 2 1 20 2 4 21	020 1022 15324	0282113222	0282216281	02321111122	0 1 1 2 1 9 4 1 1 2	0 1 4 4 4 2 2 6 6 7
11	1	2	2	4	1	1	1	2	2	***	* * * *	* * * *	***		***	***	***	* * *	***	***	* * * *	****		* * * *	***
12 13 14 15 16 17 18 19 20	**** 5 0 1 1 0 0	**** 2 0 2 2 0 0	1 0 2 2 0 0	**** 2 0 2 2 0 0	**** * 1 0 1 2 0 0 0	* * * 2 0 2 3 0 0	**** 3 0 2 3 0 1	**** 2 0 2 2 1 2	**** 3 0 2 2 1 1	**** 3 0 3 **** 1 1 2	3 0 3 4 1 2 2	**** 3 0 3 3 1 3 2	DATA 9 2 0 3 2 1 12 3	MISSI 1 0 3 3 3 1 15 4	NG - 4 0 0 2 2 1 16 3	5 0 2 1 2 12	3 0 1 **** 0 2 5 27	2 0 2 4 0 3 4 18	1 0 2 4 0 3 3 16	1 0 2 3 1 2 2 19	1 0 2 3 1 1 1 1	1 0 2 2 1 0 1 4	2 0 2 2 0 0 1 3	3 0 2 2 0 0 1 2	**** 1 1 2 2 1 3 6
21 22 23 24 25 26 27 28 29 30	20010010010	2 0 0 1 0 0 0 0 4 0	2001000090	2 0 1 1 0 0 0 8 0	2201000090	2 5 0 1 0 0 0 0 6 0	3 2 0 1 1 1 0 0 3 0	2101111050	2 1 0 1 1 1 1 **** 0 5 0	3 **** 0 1 1 1 1 1 8 0	3 1 1 1 1 1 1 9 0	3 2 1 1 1 1 1 1 1 1 0	2 1 1 1 1 2 1 2 1 21 0	1 1 1 2 2 1 2 6 0	2 1 2 1 2 2 1 2 5 0	2 1 1 2 3 4 1 3 4 0	2 1 **** 2 3 4 2 3 **** 0	2213452320	2213552420	2 1 1 2 3 3 1 2 1 0	2 1 1 2 2 3 0 1 1 0	2 1 1 1 2 2 0 1 1 0	2 1 2 0 1 0 0	1 1 1 1 1 0 1 0	2 1 1 2 2 1 1 5 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	0	0	0	0	0
MEAN	1	1	1	1	2	2	2	2	2	2	3	3	5	3	6	5	4	4	4	3	2	2	2	1	3

	POLLU	TANT	- SL	JLPHUR	DIOXI	DE							U	NITS -	PART	S PER	HUND	REDMI	LLION							
	STATI	ON -	765	BARRY	DOWNE	RD	SUDBUF	łY	NO	7702	4		MC	NTH A	PR	72										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0100000001	0100000001	01000000000	0	1 0 0 0 1 1 0 1 2	1 0 1 0 0 2 3	1 2 0 1 1 1 0 0 3 27	1 3 1 3 1 1 1 2 23	5 3 1 0 21 1 1 3 22	6 4 2 0 11 1 1 1 12 6	5 4 5 0 35 1 1 1 8 42	15 26 0 31 0 0 1 74 36	16 3 6 2 30 0 0 1 1	5 3 8 13 13 0 0 16	3 2 5 21 1 0 0 7 2	2 7 2 1 1 10 4	2 2 4 1 2 2 3 4 10 3	2 2 2 6 1 1 3 2 6 4	2 2 2 5 1 1 2 1 24 6	1 1 2 0 1 0 1 1 16 6	2020002	20200000000	2002	3 2 2 2 6 0 1 2 7 9	
11 12 13 14 15 16 17 18 19 20												1-	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -											
21 22 23 24 25 26 27 28 29 30	1 1 0 2 5 2 4 2 2 2	1 0 0 2 3 2 4 2 1	0 0 0 1 2 2 4 2 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 1 2 1 3 1 1	0 0 0 1 2 1 4 4 1 2	0000122515	0000122233312	0 0 1 0 1 3 3 5 128	0 0 1 1 3 25 3 3 101	0 0 1 1 7 56 3 1 58	0 1 1 2 3 122 4 3 81	000223 1104 359	71 4 4 18	0 0 2 2 19 4 19 4 27	1 0 0 2 5 4 38 4 64 6	0 0 0 2 4 3 56 4 41 7	00026334 156	0001252344	0 0 1 1 5 2 2 2 6	00001422149	0 0 0 1 7 1 1 3 1 8 9	0 0 1 10 1 6 1 3	0 0 1 3 3 23 23 8 23	

PERCENTAGE OF DATA VALID - 63

						ONTA	DIR	MINIS	STRY	OF 1	THE E	NVIR	ONMEN.	T - A	IR MA	ANAGEN	ENT	BRAN	CH						
	POLL	UTANT	- SI	JLPHUR	DIOXI	DE							U	NITS	- PARI	TS PER	HUND	DREDM	ILLIO	٧					
	STAT	ION -	765	BARRY	DOWNE	RD,	SUDBL	JRY	N	7702	24		M	HTMC	YAY	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	5 2 3 1 1 4 1 1 1 1 1 1 1	1 1 0 0 3 0 0 0 1	1 0 0 2 0 0 0 1	3120020201	3 1 2 1 0 1 0 2 0 1	3 1 2 0 0 1 0 4 0 1	3000010401	4 1 1 0 3 0 0 0 0	6 1 0 0 3 1 0	0000	63 1 0 1 1 1 0	14 3 0 2 1 1 0 0	17 3 1 2 1 2 1 2 1 2	22 3 1 2 3 2 1	15 1 2 2 5 4 1 0	30 1 3 12 7 2 1	4 3 1 3 5 4 2 5 9	1 2 1 2 20 3 10 11 0 3	1 1 0 1 7 2 13 3 0 3	1 2 0 1 3 1 1 1 1 0 5	10900305004	3200302003	3 1 0 0 3 0 1 0 0 2 6	4200200002	10211522203
11 12 13 14 15 16 17 18 19	2 1 8 2 1 •••• 6 7 4	4 1 8 2 1 •••• 4 6 3 7	39 1 1 1 1 4 5 3	21 1 1 1 1 4 5 3 2	26 1 0 2 0 4 4 4 3	2 1 0 3 0 3 4 3 2	3 1 0 3 3 0 **** 3 4 3 2	3 1 1 3 7 ,	2 1 0 3 27 3 5 4	2 **** 0 3 52 5 5 4 16 18	1 82 0 3 39 9 4 4 30 53	1 39 0 3 20 8 4 3 39 9	2 39 2 6 23 9 6 4 36	2 9 2 5 11 8 7 5 37	3 5 2 43 7 12 7 6	3 4 2 43 6 8 10 7 12 8	4 7 2 10 6 8 12 7 11	4 5 2 5 6 8 15 8 11 11	4 1 3 5 7 17 13 11 20	4 2 1 2 5 6 12 16 9 8	3 1 0 1 5 6 11 8 6	1 1 1 4 4 22 5 7	1 0 1 1 4 4 24 4 3 5	1 1 1 1 1 1 2 2 3 3	6 9 2 6 10 7 9 6 12 9
21 22 23 24 25 26 27 28 29 30	5 15 5 6 4 5 6 7 0	4 2 6 3 5 2 3 4 6 0	3233523360	2 2 2 3 7 2 2 3 6 0	2 1 2 4 6 2 2 1 5 0	2124522250	2425322250	2 6 3 9 1 1 3 2 5 0	29 1 1 3 3 5 0	2 32 46 30 1 •••• 12 4 5	2 4 105 22 1 75 16 5	2 3 65 30 1 19 4 5 6	3 4 27 27 3 5 6 6	3 4 17 17 3 4 5 6	4 58 12 4 5 5 8 6 1	57 30 8 57 6 9 51	6 10 26 9 6 8 8 11 5	9 13 29 13 9 9 10 12 5	8 14 49 12 10 9 10 11 4	8 15 20 11 10 7 8 10 3	6 19 10 7 8 6 8 1	18 22 4 6 5 7 0	2 11 5 6 3 7 6 6 0 0	1 8 3 6 3 6 2 5 0 0	4 8 23 12 5 8 6 6 4 0
31	1	1	1	1	1	1	1	1	1	2	2	4	••••	••••	• • • •	• • • •	• • • •	••••	• • • •	• • • •	• • • •	••••	••••		••••
MEAN	4	3	3	3	3	2	2	2	4	9	18	10	9	7	8	8	8	8	8	6	5	5	4	2	6

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 765 BARRY DOWNE RD, SUDBURY NO 77024 MONTH JUN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 4 4 8 4 5 5 5 0 4 9 2 4 31 9 6 4 6 4 8 2 4 3 4 6 4 2 5 15 7 1 2 14 7 3 5 5 5 1 1 1 1 2 2 1 5 2 2 5 3 1 3 1 5 3 1 38 6 4 5 4 40 49 2 4 12 7 6 3 6 28 6 1 4 5 5 3 20 4 11 7 3 13 7 3 5 4 12 12 2 3 62 4 1 3 1 4 3 1 0 24 5 2 4 3 6 5 2 4 4 32 39 23 10 2 11 4 5 2 4 22 5 1 14415617 18192 212234 22627 22930 3 4 5 2 0 0 1 4 4 5 14 10 22 5 5 6 25 1 0 2 2 2 10 5 3 34 1 20 3 1 69 7 5 26 29 1 50 6 5 15 2 23 5 2 8 7 5 37 2 54 4 62 7 8 5 34 2 149 6 3 6 8 5 43 3 101 5 7 5 10 5 7 3 50 7 9 5 10 4 6 5 33 9 8 3 5 9 4 5 4 4 6 4 3 5 10 5 10 5 5 12 1 19 3 3 DATA MISSING 2 2 4 7 6 4 28 3 2 4 21 7 4 26 3 2 2 10 7 6 10 4 2 12 MEAN

PERCENTAGE OF DATA VALID - 92

						ONTA	ARIO	MINIS	STRY	OF T	THE I	ENVIR	ONMEN.	T - A	IR M	ANAGE	MENT	BRANC	CH						
	POLL	UTANT	- SI	JLPHUR	DIOX	IDE							UI	NITS -	- PAR	TS PER	R HUND	DREDM	LLION	ı					
	STAT	TION -	765	BARRY	DOWN	E RD	SUDBU	JRY	NO	770	24		M	ONTH .	JUL	72									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1.8	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	8 3 0 0 1 0 9 2	21 3 0 0 1 1 3 2	7 4 0 0 0 0 1 2	4 3 0 0 0 0 0 0 0 2	3 2 0 0 0 0 0 0 0 0 2	3 1 5 0 0 0 ****	9 2 6 0 ****	10 2 1 0 2 3 3 ****	52 1 0 3 12 ****	3 2 2 0 11 7 ****	4 3 2 0 14 49 ****	3 3 1 0 52 143 ****	4 2 1 0 57 33 0 ****	14 2 1 0 6 34 0 **** MISS:	14 3 1 20 32 0 ****	5 3 1 1 16 24 0	5 3 2 1 22 18 1 ****	6 3 3 0 4 22 2 ****	62213332****	10 1 15 3 2 5	14 **** 0 12 4 1 3 ****	37 **** 0 4 11 2 2 ****	11 1 6 6 4 2	20 1 0 5 2 4 3 ****	9 2 1 2 10 16 ****
11 12 13 14 15 16 17 18 19	0 2 **** 1 1 1 1 0 1 ***	0 8 **** 1 1 0 2 0	* * * * * * * * * * * * * * * * * * *	**** 4 **** 0 1 0 1 0 0 0 0 0 0	**** 3 *** 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 *** 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	**** 2 *** 0 1 0 0 1 0 ****	**** 22 0 1 4 3 1 0 ****	0 2 2 1 1 8 3 1 0 0	02222162140	11 4 3 3 2 10 2 3 20	1 4 3 1 2 7 2 8 4 3	1 42 **** 36 36 02	23 52 03 63 81 6	32 4 2 2 6 10 2 9 3 22	6 1 3 1 7 3 3 1 4 3 1 9	4 1 3 1 13 3 3 55 4 8	5 0 2 1 17 5 3 5 8 4	**** 2 1 18 4 1 14 4 4	3 **** 3 0 4 4 ****	2 **** 2 0 1 3 **** 2 1 3	2 **** 2 0 1 4 ****	3 **** 2 0 2 3 0 3 1 2	3 **** 1 1 1 3 0 2 ****	6 4 2 1 4 4 2 8 2 ****
21 223 245 2267 2290	6000000004	40000000001	3000000000	3 0 5 0 0 0 0 0 0 0 0 0	3000100000	2000000000	2000000000	N000000000	200000000000000000000000000000000000000	2 1 0 0 0 0 0 0	3 2 0 **** 0 0 0 0 0 31 0	3 1 0 0 0 0 0 0 72 2	**** 0 0 0 0 0 0 0 52 5	1 0 2 0 0 0 0 0 2 8 5	2 0 3 4 0 0 0 0 21 1	3 8 2 24 0 0 ****	3 1 2 2 0 0 0 1 13 3	2 0 2 24 0 0 0 1 6 4	1 0 3 1 0 0 2 2 4	0 3 1 0 0 2 1 2	0 0 1 6 0 0 0 0	0002000050	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 4	2 1 3 0 0 0 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
MEAN	1	2	1	4	1	1	1	1	2	2	7	12	7	6	7	6	6	6	3	3	2	3	2	2	4

	POL	LUTAN	T - S	ULPHU	R DIOX	IDE							U	NITS	- PAR	TS PER	R HUNI	DREDM	ILLIO	N						
	STA	TION	- 765	BARRY	Y DOWN	E RD	, SUDB	URY	NO	770	24		М	ONTH	AUG	72										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 0 2 1 1 3 1 1 0 0	00211121000	0021121000	0020121000	0 0 1 2 1 0 0 0	0010000	00010000	000100000	0 0 1 0 2 1 0 1 0	0 1 1 1 2 2 0 1 0 0	2 1 2 2 3 2 1 2 1 0	1 0 1 2 3 2 1 2 1 0	1 0 2 2 3 4 1 1 2	2 2 4 3 1 2 1 0	2 2 4 2 1 2 0	1 1 2 4 4 2 0 2 1 2	2 1 2 4 3 1 0 2 1 2	2 1 3 5 4 1 0 1 1 2	3 1 4 5 3 1	1 1 6 4 4 4 1	0 1 4 4 3 1 0 0	0 1 3 1 2 1 0 0	1 3 2 3 1 1 1 0	1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 2 2 1 1 0 0	
11 12 13	••••	••••	••••	••••	0	••••	••••	0	0	0	0		***** ****	****	****	::::	0	::::	••••	::::	::::	::::		0	::::	
14 15 16 17 18 19	2 2 3 4 2	1 1 3 3 1 0	1 1 3 3 1 0	0 1 2 3 0	0 1 2 3 0	0 0 2 3 0	0 0 2 3 0	0 0 2 3 2 0	0 0 2 3 5	1 1 2 3 6 0	1 1 2 3 3 0	3 1 4 3 4 0	3 3 3 1 2 3	3 3 3 2 3 3	5 3 3 4 4	2 5 3 3 4 4	4 6 3 2 4 6 5	5 6 3 2 5 7 7	5 5 2 2 5 7 6	4 3 2 2 4 5 4	3 0 2 2 2 4	2 0 2 2 1 2	1 0 2 2 1 1	2034222	2 2 2 3 3	
21 223 245 2267 228 230	2 3 1 1 3	1 2 1 0 3 1	1 2 0 0 3 0	1 0 0 2 0	1 0 0 0 1	1 0 0 0 1 0 0	0 1 0 1 0	0 1 0 0 0 0	00000	00000	2 2 0 0 1 2	51 1 1 4 3	40 2 4	31 3 4 6	13 6 4	4 4 7 4 10	4 3 4 2 10	3 2 1 2 10	3 2 1 2 7	3 1 1 1 4	3 1 0 1 2	3 1 0 1	2 2 0 1	5 3 0 2 2	7 1 1 4	
28 29 30	0	0	0	0	0	0	0	0	0	0000	0	0 1 0	1 2	2 2 1 2	1 2 3 3	4	4	1 4 5 5	0 3 4 5	0 2 3 4	0 1 1 2	0 0 0	0 0 0	0 1 0 1	1	
31	1	1	1	1	1	1	0	0	1	1	2	3	4	4	5	5	5	5	5	4	2	4	3	3	3	
MEAN	1	7	1	1	4	0	0	0	1	1	1	3	4	4	4	3	3	3	3	2	2	4		2	•	

PERCENTAGE OF DATA VALID . 87

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - AIF	R MA	ANAGEN	ENT	BRANC	ж						
	POL	LUTAN	T - S	ULPHUR	DIO	(IDE							U	NITS -	PART	TS PER	HUND	DREDMI	LLION						
	STA	TION	- 765	BARRY	DOW	NE RD	, SUDB	URY	N	0 770	24		м	ONTH SE	P	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	1	3 0	3 0	3 0 0	3 0 0	 0 0	0 0			3	0 0	5 0 0	7 0 0 0	8 1 1 0 MISSIN	7 1 2 2	5 1 3 2	3 1 3 9	2 0 3 18	2 0 2 3	1 0 1 3	! ::::	0		000	2
6 7 8 9	1	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1	1	2	2	3 3 DATA	MISSIN MISSIN	3 2 4G -	3 2	3 2 ****	2	2 2 ••••	0			0		1
11 12 13 14 15 16 17 18 19 20													DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG - IG -										
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	000000000000000000000000000000000000000	****	0 0 0	0 0 0 0 0	**** 0 0 0 0				**** **** 0 0 0	****	-	DATA	MISSIN MISSIN MISSIN 0 0 0	IG -	0 1 0 0	00000	0 0 0 0 0	0 0 0 0 0	00000	0 0 0 0 0 0	0 0	0000	0 0 0 0 0 0	••••
MEAN	1	0	0	0	0	0	0	1	0	ĭ	1	1	1	1	2	2	2	2	1	1	0	0	0	0	1

POLLUTANT - SULPHUR DIOXIDE UNITS - PARTS PER HUNDREDMILLION STATION - 765 BARRY DOWNE RD, SUDBURY NO 77024 MONTH OCT 24 MEAN **** 0 0 0 2 0 **** * * 0 0 1 0 0 0 0 0 5 0 ** *00000 MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING DATA DATA DATA DATA 2 0 MISSING MISSING MISSING MISSING MEAN

PERCENTAGE OF DATA VALID - 42

						ONTA	ARIO	MINIS	STRY	OF 7	THE I	ENVIR	ONMEN.	T - A	IR M	ANAGE	MENT	BRANC	CH						
	POLI	UTANT	- SI	JLPHUF	R DIOXI	DE							U	NITS	- PAR	TS PER	HUNE	REDMI	LLION	N					
	STA	TION -	765	BARRY	DOWNE	RD,	SUDBU	JRY	N	7702	24		M	ОМТН	NOV	72									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	0	0	0	0 0 0	0	0	0 2 0	0 1 0	1 2 0	13 0	35 0	33 ***	0 43 0 DATA	MISS	20 0 ING -	0 4 0	000	0 0 0	0	0	0 2 1	18	0 7 ****	0 0	0 9 0
6 7 8 9	**** 0 3 0 0	* * * * 0 0 0	**** 0 0 0	0 0 0 0	**** * 0 0 0	0000	****	**** 0 0 1 1	0 0 0 1 1 1	0 0 0 0	**** 1 2 0 1	0 1 1 0	DATA 0 1 0 0 1	MISS 0 1 0 0		0 1 0 0	0 1 0 0 0	0 1 0 0	0 1 0 0	0 1 0 0 3	0 1 0 1	0 1 0 1 3	0 4 0 0 5	0 9 0 0 6	1 0 0 1
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MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	1	1	1	2	1	2	1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - SULPHUR DIOXIDE													UNITS - PARTS PER HUNDREDMILLION												
	STATE	STATION -		765 BARRY		DOWNE RD.		SUDBURY		NO 77024			MONTH DEC 72													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	ÆAN	
1 2 3 4 5 6 7 8 9	0000300000	0000611000	1311000	00001811	0 0 0 0 21 2 0 0	0 0 0 7 5 1 0	0000	000000000000000000000000000000000000000	0000333000	0000123000	00000130000	000000000000000000000000000000000000000	0000600000	0000501000	0001200000	0000	0 0 0 0 0 0 0 0	0000	000000000000000000000000000000000000000	1 0 0 1 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	10001000000	0000	
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21 22 23 24 25 26 27 28 29 30	0 0 1 0 0 0 0 0	0 0 0 1 1 0 0 0 0	0 0 0 8 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 17 0	00027000	0 0 1 5 0 0	0 1 0 1 0 1 0 1 0 1 2	01000000	0100001	000000000000	1100300020	0 5 1 0 2 0 0 0 3 1	0 7 1 0 1 0 0 0 4	0 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 1 1	0 1 1 0 0 0 0 0 0 0 1	0 0 1 0 0 0 0 1 0	001000000000000000000000000000000000000	010000000000000000000000000000000000000	0 0 1 0 0 0 0 0	2012000000	001000000000000000000000000000000000000	0016000000	0 1 0 1 2 0 0 1 1	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	1	1	1	1	1	1	1	1	1	0	0	1	1	2	1	1	1	0	0	0	1	1	0	0	1	

NO 77024 STATION - 765 BARRY DOWNE RD, SUDBURY

POLLUTANT - SULPHUR DIOXIDE

YEAR

YEAR

PERCENT OF DATA VALID

FREQUENCY DISTRIBUTION BY PERCENTILES

MTN

UNITS - PARTS PER HUNDREDMILLION MAXIMUM READING 24-HOUR MAXIMUM AVERAGE CONC. MONTH DAYS OF VALID DATA JAN DATA MISSING FEB MAR APR MAY JUN JUL AUG SEP OCT q NOV DEC

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 32 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - SULPHUR DIOXIDE NO 77024 STATION - 765 BARRY DOWNE RD, SUDBURY TOTAL 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER DATA MISSING JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

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FREQUENCY DISTRIBUTION, PERCENT

26.6

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ARITH MEAN

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